A Complete Bibliography of *ACM Transactions on Internet Technology*

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Title word cross-reference

3 [LYW+21, YLC+22, ZXP+22]. < [BMS02]. > [BMS02]. $_2$ [VSKEOZM22]. $_{2R}$ [SABG17]. δ [BCCA+21]. K [CYD+20, BGK14]. N [HZ11, WZKP19].

-barrier [CYD+20]. **-Risk** [BCCA+21]. **-Tier** [WZKP19].

19 [CLL23, NZQX22, SPE+22, SDB21, SZT22, YV22].

24-hour [GS07a].

4.0 [CLW+22].

5G [LWFD21, LQW21, LLSW22, LLH+25, SPCC23]. **5G-Aided** [LLSW22]. **5G/6G** [LWFD21].

6G [LWFD21].

802.15.4 [CMML22].

Abductive [GAL18]. **Ability** [MHCF22]. **Abnormal** [DCD+21]. **Abuse** [TBG+18]. **Accelerated** [EDC20]. **ACCENT** [PP11]. **Acceptability** [VDV18]. **Acceptance** [SPM+13]. **Access** [Ano15, ADGM23, DSVA19, DLZ+16, GSZ+23, NNP+25, PV17, SK17, TSY+21, DSNK08, KS07]. **accesses** [DK04]. **Accessibility** [PMFS17]. **accessible** [SMFR08]. **Account** [CCC+23, CLJ+21, WL23]. **Accountability** [BBP18]. **Accountable** [BCFB18, GAL18]. **Accounts** [CLJ+21]. **Accumulator** [RQL+21]. **Accuracy** [YXP+18]. **Accurate** [LLH+25]. **Achieving**

[PP11]. **CSR** [GPM+18]. **Curated** [ZSY+17]. **Curation** [AHM14]. **Currency** [MCS18]. **Current** [BSBP16, CPV03]. **Customer** [BWL16]. **Customers** [NGER20]. **customized** [THS06]. **Customizing** [SKA+23]. **Cyber** [ALS23, CDJ+22, CGT+21, DXP+23, FYZ19, FYZ+21, FPA+23, GAT+21, HAD22, ISG+22, JDZ+21, KGKK21, LJS+14, LMS+21, LSZ+21, NLLC21, PBJP21, SLPZ23, VAK17, WCY+23, YXL+21]. **Cyber-alert** [CDJ+22]. **Cyber-Espionage** [LJS+14]. **Cyber-Manufacturing** [DXP+23, FPA+23, SLPZ23, WCY+23]. **Cyber-Physical** [CGT+21, GAT+21, ISG+22, KGKK21, NLLC21, PBJP21, VAK17, LSZ+21, YXL+21]. **Cyber-Physical-Social** [FYZ19, FYZ+21]. **Cyberdeception** [GCK+22]. **Cybersecurity** [AO22, LNTL23, WMW+22]. **cycling** [CMML22].

D [LYW+21, YLC+22, ZXP+22]. **DaaS** [WHM+22]. **DADC** [CMML22]. **DAN** [HMLH21]. **DAN-SNR** [HMLH21]. **DANCE** [ZZW+22]. **Dandelion** [WDK+24]. **Darknet** [GVM+23]. **Darknets** [CCJ+14]. **DarkVec** [GVM+23]. **Data** [ASBH+16, ADGM23, ASW+22, BCFB18, BBS21, CPV+16, CCM17, CLW+22, CDJ+22, DJ15, DZHV16, DLZ+16, EM19, FFKG19, GSZ+23, GAC18, GWF+21, HSLH17, KIG+19, KBBI15, LMZ13, LBC+24, LHZ+21, LZBN17, LGGB+21, LGKL20, LQVK21, LS21, LCS21, LP21, MSW+16, MGHB16, MEAK+21, MTS+25, MBE22, MMV11, MAK+22, NDO+17, NZ22, NNP+25, PV17, PSA+20, PVL+17, PGP+21, RKY+22, RPA+17, RQL+21, RTcR19, SF21, SJMG24, SS11, SKH22, SWAHP21, SPCC23, SPG22, TEMH19, TPQC22, WCX+23, WLW+23, WVHTK21, YLL+17, YXL+21, ZGB18, ZXYL16, ZTL+21, BCMS06, CS09, FFP09, MAM03, PPV05, XCL07, PBJP21]. **Data-Centric** [DLZ+16, LGKL20, TEMH19, FFKG19]. **Data-Driven** [ASW+22, CDJ+22]. **Data-Hiding** [RKY+22]. **data-intensive** [MAM03]. **Data-throttling** [RTcR19]. **database** [ABMP07, Ji02, LYW+05, ZXS08]. **Databases** [GPM+18, YASU01]. **DataOps** [GAT+21]. **Datasets** [CAN+21, PLZW18, WQC+19]. **DDoS** [AE24, DWGC23, HGW07]. **De-anonymization** [QLJ+19]. **Deal** [DWGC23]. **Debates** [LPB+17]. **Debating** [LSK+17a]. **DECENT** [MD22]. **Decentralized** [ABCL17, KBBI15, MD22, PSP22, PAS13, WEJ14, YPFY21, CGT+21]. **Decision** [CRP17, SAB+18, YBW19]. **Decision-Aware** [YBW19]. **Decisions** [ASÖY23]. **decoder** [XCRY22]. **Deconvolution** [DXP+23]. **Decryption** [PCV+21]. **Deduplication** [SKH22]. **Deep** [CE21, CLS+22, CLL23, FYZ+21, GYL+25, HSRK23, HLG+21, HMLH21, KSL+21, LOD19, LXZ+22, MQUXK22, MSG+21, MMJ21, MAK+22, PGP+21, RTR+22, RWXC20, SPE+22, SZT22, UNBAT22, VBD+22, WNN+22, XSW+22, YDZ+21, ZLS+22]. **Deep-Confidentiality** [MAK+22]. **Defacements** [BDM10]. **Defeating** [HGW07]. **Defect** [GK23, WCY+23]. **Defending** [BRK04]. **Defense** [GCK+22, LMS+21, WCZ+24, EL09]. **Defined** [WQC+19, YLZ+21]. **Degree** [SGOS19]. **Delay** [DZHV16, LLH+25]. **Delegatable** [PO19]. **deletion** [FLL06]. **deliberation** [VDV18]. **Deliberative** [LPB+17]. **Delivery** [BCGN16, LABS25, TMK+12, WMW+22, HNF+05]. **Delivery-Centric** [TMK+12]. **Demand** [KAS14]. **Demand-Invariant** [KAS14]. **Democracy** [LPB+17]. **Dense** [GAL+22]. **Density** [RMP10]. **Dependencies** [CSMM17]. **dependent** [MS05, WL07].

[FGS20]. **providers** [BSS02]. **Providing** [AJSS13, GS17, ZGD23, ZMGW22, LHTL06]. **Provisioning** [MA23, TEMH19, VPR07, VSID16, SPJ09]. **proximity** [PRD09]. **Proxy** [ATS+21, BI17, PK20, RMMH22, YCM+13, LHTL06]. **Pruning** [PWGQ22]. **pseudonymity** [KS03]. **Pseudoperiodic** [MSW+16]. **PSO** [BBS21, JSAA22]. **Public** [LC16, TPQC22, DMT07]. **Publish** [DLZ+16, PC22]. **Publish/Subscribe** [DLZ+16, PC22]. **Publishing** [PLZW18, WRC01]. **PUF** [LXZ+22]. **Pump** [LMSS23]. **Purchase** [PDF+23]. **Pure** [EM19].

QoE [XIS22]. **QoE-driven** [XIS22]. **QoS** [GHD21, HAST21, JN08, SLG+22, YXL+21]. **QoS-aware** [HAST21, JN08, SLG+22]. **Quality** [ASBH+16, BKK03, CHC+21, DOG+22, GAL+22, LSK+17b, OWK+19, PDS20, RDC16, SPKTG22, WLD+25, WVHTK21, WHM+22, YCM+13, ZXP+22, Dal11]. **Quality-Based** [ASBH+16]. **Quality-of-Service** [LSK+17b]. **Quantify** [BCN17]. **Quantifying** [FLR23, STK17]. **Quantitative** [CGL+16]. **Quantized** [SK24]. **quantum** [YCH+22]. **Queries** [BJ15, CLM+11, KA20, LC12, CTZZ06, GR04, LXW+12]. **Query** [LMSTM14, ABMP07, PPV05]. **query-conscious** [ABMP07]. **Querying** [ZSY+17, FFP09]. **Question** [LSLY19, VASD19, ZSL+17]. **questions** [ALG04]. **Quota** [ABDL14]. **QURSED** [PPV05].

RA [PPDG19]. **Radar** [CYD+20]. **Radiomics** [KGAR22]. **Radiomics-** [KGAR22]. **Raising** [DR05]. **Random** [CXG21, CSMM17, YMY+23]. **Range** [CLM+11]. **ranking** [BRRT05, LYF+09]. **ranks** [THS06]. **Rates** [Glu10]. **Rating** [CO16, RIB18, FLD12]. **ratings** [JKR07]. **Re** [QLJ+19, RMMH22]. **Re-Encryption** [RMMH22]. **Re-identified** [QLJ+19]. **Reachable** [Nov19]. **Reaching** [HSRK23]. **reading** [LYF+09]. **Real** [BJ15, MMI23, MPR+23, TEMH19, WARCD17, WSM21, YLM+23]. **Real-Time** [TEMH19, WARCD17, MMI23, MPR+23, WSM21, YLM+23]. **Real-World** [BJ15]. **Reality** [PDS20, PSL+20, ZXP+22]. **Realization** [SJMG24]. **Realtime** [CPV+16, JPCL22, ZGD23]. **Reasonable** [JG10]. **Reasoning** [EHY19, GL14, JPSS17, LWZ24, RPR22]. **Receiver** [CYD+20]. **Reciprocation** [RSS17]. **Reciprocity** [YC18]. **Recognition** [AGKW14, CLM19, DCD+21]. **Recommendation** [CJW+23, CL24, CDC14, CO16, HXZ+20, HJWW20, HMLH21, HZ11, LSLY19, LWZ24, PMN23, PHC+21, WL23, YSNL16, YSW+17, BGL04, OHKS04]. **Recommendations** [NPP+15]. **Recommender** [AdM+13, MBBW07, RS09]. **Recommenders** [JWW15]. **Reconciliation** [ASBH+16]. **Reconciling** [LMZ13]. **Reconfiguration** [GHD21, SK17]. **Reconstruction** [ZXP+22]. **Recovery** [BLSW04]. **Recruitment** [ASO+22]. **Recurrent** [PWGQ22]. **Recursive** [VAS24]. **reduced** [Dal11]. **Reduction** [BTH+17, CSMM17, KZLG21]. **Redundancies** [NZ22]. **Reference** [PPDG19, RHT20]. **Regression** [GZL+21, Glu10, MKJB21]. **Regular** [GD17]. **regulate** [Ung05]. **Regulation** [AHS14]. **Rehabilitation** [KKK21]. **Reinforcement** [CLS+22, GYL+25, HSLH17, KZLG21, LWH+21, LOD19, RWXC20, SABL24, XLL20]. **Reinforcement-Enhanced** [HSLH17]. **Reissue** [GAC18]. **Relation** [LJLN16]. **relational** [YASU01]. **Relations** [YSNL16].

ZJQ+21, ZH09, Dal11, GR04, JKR07, JGH+22, JSAA22, MS05, MLMK05, NDL07, PRD09, SGOS19, TNJJ22, UNBAT22, XCRY22, XZZ08, YASU01, GS07a]. **Utility** [GLFV+21, PLZW18, SAB+18, WLD+25]. **Utility-Based** [SAB+18]. **Utility-Controlled** [PLZW18]. **UTS** [BCN17]. **Utterance** [ST24].

V [MRY+23]. **V-Gas** [MRY+23]. **Vaccine** [CXW+21]. **vague** [FFP09]. **Validation** [Mor17, SLBD20]. **Values** [KBNV18]. **VANETs** [LLG22, YSZ+22]. **variability** [DR05]. **Variable** [Glu10]. **Variation** [LC16]. **Varied** [GLFV+21]. **Varying** [HHS+22]. **Vector** [JSAA22, AE24]. **vehicle** [ZMGW22]. **Vehicles** [ASW+22, CLW+22, HAD22, MRS+22a, MJ22, TPQC22, WNN+22, YCH+22]. **Vehicular** [JPCL22]. **Verifiability** [RHT20]. **Verifiable** [MT25]. **Verification** [LDG+23, MJ22, RQL+21, YJL+22, YXP+18, AR12]. **Vertical** [WGW+24]. **via** [AKOB+21, CH05, CLZ+20, De 19, EDC20, GEFT14, GJAT+21, JDZ+21, KBBI15, LWH+21, LWZ24, LZBN17, PV17, RMP10, WCZ+24, WMWM20, WGW+24, Web17, WL07, YV22, YMY+23, YBW19]. **Viability** [CWC14]. **Video** [LXC+13, SCW17]. **View** [DvRDHB22, YJL+22, YCM+13, ZJQ+21]. **Views** [LC12, GR04]. **Virtual** [CCN+21, FYT17, MBP+17, ZXP+22]. **Virtualization** [BLMP22]. **Vision** [Sin13b]. **Visual** [EM19, JHC+22, XM17, CMTT24]. **Visual-Inertial** [JHC+22]. **Visualization** [PSA+20, WLL+13, ATB+11]. **visually** [CDM10]. **Voice** [VBD+22]. **VoiceTalk** [LLC+23]. **Volatile** [ATD22]. **Volunteer** [AAJ21, ATS+21, BAM+22, HAST21, LMS+21, LCS21, WTS+21]. **Volunteered** [SPAT21]. **VORTEX** [CMTT24]. **voting** [NDL07]. **vs** [BC01]. **Vulnerabilities** [FLD12, JLC20]. **Vulnerability** [MRY+23].

Waiting [CCN+21]. **Walk** [YMY+23]. **Wall** [LMSS23]. **wars** [GM04]. **Wash** [GWXL24]. **Watermarking** [STJ+21]. **way** [AO22, PDF+23]. **WBANs** [CLS+22]. **Weak** [ZOC11]. **Wearable** [CE21, CXH+21, SST+16, ZKC+22]. **Weaving** [CDC14]. **web** [AKR01, Coo03, DKM+02, EV03, LLNF12, MPS04, MAM03, Wil02, WY01, YADI02, AHM14, APAC18, ALG04, AKS07, AM07, ACGM+01, AGPS05, ADGM23, BYCE07, BDM10, BF06, BBH+14, BSBP16, BWL16, BZVS18, BCF+07, BCP08, CDMF07, CDIW05, CDM10, CS07, DOG+22, DCL+22, DK04, DvRDHB22, DLLM07, EV03, EV07, EM19, FS04, FLL06, FT02, FLR23, GPM+18, GR04, GH06, GS05, GLF02, HNF+05, HZHC12, JMSP06, KMB+22, KFB+14, KG10, LM04, LJLN16, LCKN05, LSCZ05, LMZ13, LHTL06, LYM+18, MYS+12, MMR16, MBC+05, MBB07, MGB+07, OSSV05, OWK+19, PRD09, RCM+22, Rin09, RHT20, SHB06, SBG07, SS11, SD12, SPJ09, SPM+13, SS06, Thi05, Van08, WLL+13, WL07, XM17, XZZ08, ZSY+17, ZHDD07, ZH09, ZHH04]. **web-based** [AKR01, SS11, AGPS05, GH06, KFB+14, KG10]. **Web-enabled** [SS06]. **WebAssembly** [GYL+25]. **WebBase** [CGMH+06]. **Webchain** [RHT20]. **Webpage** [JYW+19]. **Weed** [CBM23]. **Weighted** [JGH+22]. **Weights** [PWGQ22]. **Wheeled** [PHR+21]. **White** [PMN23]. **Who** [MHCF22]. **Wide** [GLF02, RHT20, AOVP08, BVT06]. **wide-area** [AOVP08, BVT06]. **WiFi** [PRKD20]. **Wireless** [ABDL14, CYWW22, DPCM16, SS20, SPKTG22, ZJL+15, Var03]. **within** [GD17, Hoc02, KMW09]. **Word2Vec** [QZDG22]. **Work** [KSAB+21]. **Worker** [WLD+25]. **Workflow** [GHD21, RTcR19]. **workflows** [SPJ09]. **Workload** [BCO13, CLFX24, FXYX23, MDDB19, XSW+22]. **workplaces**

[GBAR08]. **World** [BJ15, YV22, YC18, BC01, BRK04, GLF02, RHT20].

XDuce [HP03]. **Xenophobia** [PDAMGULMV20]. **xlinkit** [NCEF02]. **XML** [ABMP07, CTZZ06, CS09, FFP09, GLQ11, GL14, HP03, KRML09, LC12, LYW+05, MPC06, MLMK05, YASU01]. **XML-Path** [GL14]. **XQueC** [ABMP07]. **XRel** [YASU01].

yellow [LXW+12]. **YouTube** [FAGB14, SCW17].

Zero [GSZ+23, LNTL23, WCX+23, WLW+23]. **Zero-Trust** [WCX+23].

References

Anagnostopoulos:2020:LCS

[AAA+20] Nikolaos Athanasios Anagnostopoulos, Saad Ahmad, Tolga Arul, Daniel Steinmetzer, Matthias Hollick, and Stefan Katzenbeisser. Low-cost security for next-generation IoT networks. *ACM Transactions on Internet Technology (TOIT)*, 20(3):30:1–30:31, October 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3406280`.

Angiulli:2018:ECS

[AAF18] Fabrizio Angiulli, Luciano Argento, and Angelo Furfaro. Exploiting content spatial distribution to improve detection of intrusions. *ACM Transactions on Internet Technology (TOIT)*, 18(2):25:1–25:??, March 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

AlRidhawi:2021:IBM

[AAJ21] Ismaeel Al Ridhawi, Moayad Aloqaily, and Yaser Jararweh. An incentive-based mechanism for volunteer computing using blockchain. *ACM Transactions on Internet Technology (TOIT)*, 21(4):87:1–87:22, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3419104`.

Awad:2017:EAA

[ABC+17] Edmond Awad, Jean-François Bonnefon, Martin Caminada, Thomas W. Malone, and Iyad Rahwan. Experimental assessment of aggregation principles in argumentation-enabled collective intelligence. *ACM Transactions on Internet Technology (TOIT)*, 17(3):29:1–29:??, July 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ambrosin:2017:OBB

[ABCL17] Moreno Ambrosin, Paolo Braca, Mauro Conti, and Riccardo Lazzeretti. ODIN: Obfuscation-based privacy-preserving consensus algorithm for decentralized information fusion in smart device networks. *ACM Transactions on Internet Technology (TOIT)*, 18(1): 6:1–6:??, December 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Andrews:2014:UQD

[ABDL14] Matthew Andrews, Glenn Bruns, Mustafa Dogru, and Hyoseop Lee. Understanding quota dynamics in wireless networks. *ACM Transactions on Internet Technology (TOIT)*, 14(2–3):14:1–14:??, October 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Arion:2007:XQC

[ABMP07] Andrei Arion, Angela Bonifati, Ioana Manolescu, and Andrea Pugliese. XQueC: a query-conscious compressed XML database. *ACM Transactions on Internet Technology (TOIT)*, 7(2):10:1–10:??, May 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Abadi:2005:MHM

[ABMW05] Martin Abadi, Mike Burrows, Mark Manasse, and Ted Wobber. Moderately hard, memory-bound functions. *ACM Transactions on Internet Technology (TOIT)*, 5(2): 299–327, May 2005. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Alsaedi:2017:CWP

[ABR17] Nasser Alsaedi, Pete Burnap, and Omer Rana. Can we predict a riot? Disruptive event detection using Twitter. *ACM Transactions on Internet Technology (TOIT)*, 17 (2):18:1–18:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Armas-Cervantes:2019:LCD

[ACDLM19] Abel Armas-Cervantes, Marlon Dumas, Marcello La Rosa, and Abderrahmane Maaradji. Local concurrency detection in business process event logs. *ACM Transactions on Internet Technology (TOIT)*, 19(1): 16:1–16:??, March 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Arlitt:2011:CIG

[ACG+11] Martin Arlitt, Niklas Carlsson, Phillipa Gill, Aniket Mahanti, and Carey Williamson. Characterizing intelligence gathering and control on an edge network. *ACM Transactions on Internet Technology (TOIT)*, 11 (1):2:1–2:??, July 2011. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Arasu:2001:SW

[ACGM+01] Arvind Arasu, Junghoo Cho, Hector Garcia-Molina, Andreas Paepcke, and Sriram Raghavan. Searching the Web. *ACM Transactions on Internet Technology (TOIT)*, 1(1): 2–43, August 2001. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Awan:2022:TMB

[ADA+22] Kamran Ahmad Awan, Ikram Ud Din, Abeer Almogren, Neeraj Kumar, and Ahmad Almogren. A taxonomy of multimedia-based graphical user authentication for green Internet of Things. *ACM Transactions on Internet Technology (TOIT)*, 22(2): 37:1–37:28, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3433544`.

Avgeris:2019:ARA

[ADAP19] Marios Avgeris, Dimitrios Dechouniotis, Nikolaos Athanasopoulos, and Symeon Papavassiliou. Adaptive resource allocation for computation offloading: a control-theoretic approach. *ACM Transactions on Internet Technology (TOIT)*, 19(2):23:1–23:??, April 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3284553`.

Asprino:2023:KGC

[ADGM23] Luigi Asprino, Enrico Daga, Aldo Gangemi, and Paul Mulholland. Knowledge graph construction with a façade: a unified method to access heterogeneous data sources on the Web. *ACM Transactions on Internet Technology (TOIT)*, 23(1):6:1–6:??, February 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3555312`.

Albanese:2013:MRS

[AdM+13] Massimiliano Albanese,

Antonio d'Acierno, Vincenzo Moscato, Fabio Persia, and Antonio Picariello. A multimedia recommender system. *ACM Transactions on Internet Technology (TOIT)*, 13(1):3:1–3:??, November 2013. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Aguru:2024:OIB

[AE24] Aswani Aguru and Suresh Erukala. OTI-IoT: a blockchain-based operational threat intelligence framework for multi-vector DDoS attacks. *ACM Transactions on Internet Technology (TOIT)*, 24(3): 15:1–15:??, 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3664287`.

Artikis:2014:ERC

[AGKW14] Alexander Artikis, Avigdor Gal, Vana Kalogeraki, and Matthias Weidlich. Event recognition challenges and techniques: Guest Editors' introduction. *ACM Transactions on Internet Technology (TOIT)*, 14 (1):1:1–1:??, July 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ardissono:2005:MAI

[AGPS05] Liliana Ardissono, Anna Goy, Giovanna Petrone, and Marino Segnan. A multi-agent infrastructure for developing personalized Web-based systems. *ACM Transactions on Internet Technology (TOIT)*, 5(1):47–69, February 2005. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Abdelzaher:2020:FCC

[AHJ+20] Tarek Abdelzaher, Yifan Hao, Kasthuri Jayarajah, Archan Misra, Per Skarin, Shuochao Yao, Dulanga Weerakoon, and Karl-Erik Årzén. Five challenges in cloud-enabled intelligence and control. *ACM Transactions on Internet Technology (TOIT)*, 20 (1):3:1–3:19, March 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3366021`.

Abbassi:2014:DCC

[AHM14] Zeinab Abbassi, Nidhi Hegde, and Laurent Massoulié. Distributed content curation on the Web. *ACM Transactions on Internet Technology (TOIT)*, 14(2–3): 9:1–9:??, October 2014.

CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Alhosban:2015:BFM

[AHM+15] Amal Alhosban, Khayyam Hashmi, Zaki Malik, Brahim Medjahed, and Salima Benbernou. Bottom-up fault management in service-based systems. *ACM Transactions on Internet Technology (TOIT)*, 15(2):7:1–7:??, June 2015. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Altman:2014:RNP

[AHS14] Eitan Altman, Manjesh Kumar Hanawal, and Rajesh Sundaresan. Regulation of off-network pricing in a nonneutral network. *ACM Transactions on Internet Technology (TOIT)*, 14(2–3):11:1–11:??, October 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Anthony:2003:DBA

[AJ03] Patricia Anthony and Nicholas R. Jennings. Developing a bidding agent for multiple heterogeneous auctions. *ACM Transactions on Internet Technology (TOIT)*, 3(3): 185–217, August 2003. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Aron:2007:IIB

[AJP07] Ravi Aron, Siddarth Jayanty, and Praveen Pathak. Impact of Internet-based distributed monitoring systems on offshore sourcing of services. *ACM Transactions on Internet Technology (TOIT)*, 7(3):16:1–16:??, August 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ardagna:2013:PUA

[AJSS13] Claudio A. Ardagna, Sushil Jajodia, Pierangela Samarati, and Angelos Stavrou. Providing users' anonymity in mobile hybrid networks. *ACM Transactions on Internet Technology (TOIT)*, 12 (3):7:1–7:??, May 2013. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Alsirhani:2023:SLP

[AKA+23] Amjad Alsirhani, Muhammad Ali Khan, Abdullah Alomari, Sauda Maryam, Aiman Younas, Muddesar Iqbal, Muhammad Hameed Siqqidi, and Amjad Ali. Securing low-power blockchain-enabled IoT devices against energy depletion

attack. *ACM Transactions on Internet Technology (TOIT)*, 23(3): 43:1–43:??, August 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3511903`.

Al-Khafajiy:2021:ICS

[AKOB+21] Mohammed Al-Khafajiy, Safa Otoum, Thar Baker, Muhammad Asim, Zakaria Maamar, Moayad Aloqaily, Mark Taylor, and Martin Randles. Intelligent control and security of fog resources in healthcare systems via a cognitive fog model. *ACM Transactions on Internet Technology (TOIT)*, 21(3): 54:1–54:23, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3382770`.

Arlitt:2001:CSL

[AKR01] Martin Arlitt, Diwakar Krishnamurthy, and Jerry Rolia. Characterizing the scalability of a large web-based shopping system. *ACM Transactions on Internet Technology (TOIT)*, 1(1):44–69, August 2001. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Anand:2007:GSE

[AKS07] Sarabjot Singh Anand, Patricia Kearney, and Mary Shapcott. Generating semantically enriched user profiles for Web personalization. *ACM Transactions on Internet Technology (TOIT)*, 7(4):22:1–22:??, October 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Angarita:2019:USN

[ALA+19] Rafael Angarita, Bruno Lefèvre, Shohreh Ahvar, Ehsan Ahvar, Nikolaos Georgantas, and Valérie Issarny. Universal social network bus: Toward the federation of heterogeneous online social network services. *ACM Transactions on Internet Technology (TOIT)*, 19 (3):38:1–38:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Agichtein:2004:LFA

[ALG04] Eugene Agichtein, Steve Lawrence, and Luis Gravano. Learning to find answers to questions on the Web. *ACM Transactions on Internet Technology (TOIT)*, 4(2):129–162, May 2004. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ahmed:2023:EPC

[ALS23] Usman Ahmed, Jerry Chun-Wei Lin, and Gautam Srivastava. Exploring the potential of cyber manufacturing system in the digital age. *ACM Transactions on Internet Technology (TOIT)*, 23(4):54:1–54:??, November 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3596602`.

Amiri:2003:ESI

[AM03] Ali Amiri and Syam Menon. Efficient scheduling of Internet banner advertisements. *ACM Transactions on Internet Technology (TOIT)*, 3(4): 334–346, November 2003. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Anand:2007:IIT

[AM07] Sarabjot Singh Anand and Bamshad Mobasher. Introduction to intelligent techniques for Web personalization. *ACM Transactions on Internet Technology (TOIT)*, 7(4):18:1–18:??, October 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Agarwal:2024:TSB

[AMP24] Vidushi Agarwal, Shruti Mishra, and Sujata Pal. Towards a sustainable blockchain: a peer-to-peer federated learning based approach. *ACM Transactions on Internet Technology (TOIT)*, 24(4):26:1–26:??, November 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3680544`.

Anonymous:2015:PDP

[Ano15] Anonymous. P-DONAS: a P2P-based domain name system in access networks. *ACM Transactions on Internet Technology (TOIT)*, 15(3): 11:1–11:??, September 2015. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Al-Otaibi:2022:STW

[AO22] Yasser D. Al-Otaibi. A shared two-way cybersecurity model for enhancing cloud service sharing for distributed user applications. *ACM Transactions on Internet Technology (TOIT)*, 22(2): 47:1–47:17, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https:`

//dl.acm.org/doi/10.1145/3430508.

Albrecht:2008:DIT

[AOVP08] Jeannie Albrecht, David Oppenheimer, Amin Vahdat, and David A. Patterson. Design and implementation trade-offs for wide-area resource discovery. *ACM Transactions on Internet Technology (TOIT)*, 8(4): 18:1–18:??, September 2008. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Achara:2018:FGC

[APAC18] Jagdish Prasad Achara, Javier Parra-Arnau, and Claude Castelluccia. Fine-grained control over tracking to support the ad-based Web economy. *ACM Transactions on Internet Technology (TOIT)*, 18(4): 51:1–51:??, November 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Abeywickrama:2012:CAS

[AR12] Dhaminda B. Abeywickrama and Sita Ramakrishnan. Context-aware services engineering: Models, transformations, and verification. *ACM Transactions on Internet Technology (TOIT)*, 11(3):10:1–10:??, January 2012. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Abboura:2016:QBO

[ASBH+16] Asma Abboura, Soror Sahri, Latifa Baba-Hamed, Mourad Ouziri, and Salima Benbernou. Quality-based online data reconciliation. *ACM Transactions on Internet Technology (TOIT)*, 16(1):3:1–3:??, February 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Abououf:2022:MLM

[ASO+22] Menatalla Abououf, Shakti Singh, Hadi Otrok, Rabeb Mizouni, and Ernesto Damiani. Machine learning in mobile crowd sourcing: a behavior-based recruitment model. *ACM Transactions on Internet Technology (TOIT)*, 22(1):16:1–16:28, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3451163.

Ayci:2023:UAP

[ASÖY23] Gonul Ayci, Murat Sensoy, Arzucan Özgür, and Pinar Yolum. Uncertainty-aware personal assistant for making personalized

privacy decisions. *ACM Transactions on Internet Technology (TOIT)*, 23(1):13:1–13:??, February 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3561820`.

Ayman:2022:DDP

[ASW+22] Afiya Ayman, Amutheezan Sivagnanam, Michael Wilbur, Philip Pugliese, Abhishek Dubey, and Aron Laszka. Data-driven prediction and optimization of energy use for transit fleets of electric and ICE vehicles. *ACM Transactions on Internet Technology (TOIT)*, 22(1):7:1–7:29, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3433992`.

Albrecht:2011:DAC

[ATB+11] Jeannie Albrecht, Christopher Tuttle, Ryan Braud, Darren Dao, Nikolay Topilski, Alex C. Snoeren, and Amin Vahdat. Distributed application configuration, management, and visualization with plush. *ACM Transactions on Internet Technology (TOIT)*, 11(2):6:1–6:??, December 2011. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Avasalcai:2022:AMV

[ATD22] Cosmin Avasalcai, Christos Tsigkanos, and Schahram Dustdar. Adaptive management of volatile edge systems at runtime with satisfiability. *ACM Transactions on Internet Technology (TOIT)*, 22(1):26:1–26:21, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3470658`.

Alizadeh:2021:STB

[ATS+21] Mojtaba Alizadeh, Mohammad Hesam Tadayon, Kouichi Sakurai, Hiroaki Anada, and Alireza Jolfaei. A secure ticket-based authentication mechanism for proxy mobile IPv6 networks in volunteer computing. *ACM Transactions on Internet Technology (TOIT)*, 21(4):82:1–82:16, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3407189`.

Amato:2016:MOB

[AV16] Alba Amato and Salvatore Venticinque. Mul-

tiobjective optimization for brokering of multi-cloud service composition. *ACM Transactions on Internet Technology (TOIT)*, 16(2): 13:1–13:??, April 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Alfonso:2017:TFM

[AVB17] Bexy Alfonso, Emilio Vivancos, and Vicente Botti. Toward formal modeling of affective agents in a BDI architecture. *ACM Transactions on Internet Technology (TOIT)*, 17(1):5:1–5:??, March 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ale:2021:STB

[AZKG21] Laha Ale, Ning Zhang, Scott A. King, and Jose Guardiola. Spatio-temporal Bayesian learning for mobile edge computing resource planning in smart cities. *ACM Transactions on Internet Technology (TOIT)*, 21(3):72:1–72:21, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3448613`.

Bibi:2022:SDM

[BAM+22] Iram Bibi, Adnan Akhunzada, Jahanzaib Malik, Muhammad Khurram Khan, and Muhammad Dawood. Secure distributed mobile volunteer computing with Android. *ACM Transactions on Internet Technology (TOIT)*, 22(1):2:1–2:21, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3428151`.

Bahutair:2023:EET

[BB23] Mohammed Bahutair and Athman Bouguettaya. An end-to-end trust management framework for crowdsourced IoT services. *ACM Transactions on Internet Technology (TOIT)*, 23(3): 46:1–46:??, August 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3600232`.

Baldoni:2014:CBI

[BBC14] Matteo Baldoni, Cristina Baroglio, and Federico Capuzzimati. A commitment-based infrastructure for programming socio-technical systems. *ACM Transactions on Internet Technology (TOIT)*, 14(4):

23:1–23:??, December 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Benouaret:2014:WSC

[BBH+14] Karim Benouaret, Djamal Benslimane, Allel Hadjali, Mahmoud Barhamgi, Zakaria Maamar, and Quan Z. Sheng. Web service compositions with fuzzy preferences: a graded dominance relationship-based approach. *ACM Transactions on Internet Technology (TOIT)*, 13(4): 12:1–12:??, July 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Baroglio:2018:SIC

[BBP18] Cristina Baroglio, Olivier Boissier, and Axel Polleres. Special issue: Computational ethics and accountability. *ACM Transactions on Internet Technology (TOIT)*, 18(4): 40:1–40:??, November 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Barriga:2024:MDD

[BBPTC24] Arturo Barriga, José A. Barriga, Miguel A. Pérez-Toledano, and Pedro J. Clemente. Model-driven development towards distributed intelligent systems. *ACM Transactions on Internet Technology (TOIT)*, 24(4):28:1–28:??, November 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3687472`.

Bharti:2021:NMG

[BBS21] Vandana Bharti, Bhaskar Biswas, and Kaushal Kumar Shukla. A novel multiobjective GDWCN-PSO algorithm and its application to medical data security. *ACM Transactions on Internet Technology (TOIT)*, 21(2):46:1–46:28, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3397679`.

Blumenthal:2001:RDI

[BC01] Marjory S. Blumenthal and David D. Clark. Rethinking the design of the Internet: the end-to-end arguments vs. the brave new world. *ACM Transactions on Internet Technology (TOIT)*, 1(1):70–109, August 2001. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Budhi:2023:MTC

[BC23] Gregorius Satia Budhi and Raymond Chiong. A

multi-type classifier ensemble for detecting fake reviews through textual-based feature extraction. *ACM Transactions on Internet Technology (TOIT)*, 23(1):16:1–16:??, February 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3568676`.

Bou-Chaaya:2021:RTC

[BCCA+21] Karam Bou-Chaaya, Richard Chbeir, Mansour Naser Alraja, Philippe Arnould, Charith Perera, Mahmoud Barhamgi, and Djamal Benslimane. δ-risk: Toward context-aware multi-objective privacy management in connected environments. *ACM Transactions on Internet Technology (TOIT)*, 21(2):51:1–51:31, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3418499`.

Brambilla:2007:MDD

[BCF+07] Marco Brambilla, Stefano Ceri, Federico Michele Facca, Irene Celino, Dario Cerizza, and Emanuele Della Valle. Model-driven design and development of semantic Web service applications. *ACM Transactions on Internet Technology (TOIT)*, 8(1):3:1–3:??, November 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Bahri:2018:EAS

[BCFB18] Leila Bahri, Barbara Carminati, Elena Ferrari, and Andrea Bianco. Enhanced audit strategies for collaborative and accountable data sharing in social networks. *ACM Transactions on Internet Technology (TOIT)*, 18 (4):44:1–44:??, November 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Bohme:2018:SIE

[BCG+18] Rainer Böhme, Richard Clayton, Jens Grossklags, Katrina Ligett, Patrick Loiseau, and Galina Schwartz. Special issue on the economics of security and privacy: Guest Editors' introduction. *ACM Transactions on Internet Technology (TOIT)*, 18(4): 47:1–47:??, November 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Bertino:2016:ITI

[BCGN16] Elisa Bertino, Kim-Kwang Raymond Choo, Dimitrios Georgakopolous, and Surya Nepal. In-

ternet of Things (IoT): Smart and secure service delivery. *ACM Transactions on Internet Technology (TOIT)*, 16 (4):22:1–22:??, December 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Bellavista:2006:MCM

[BCMS06] Paolo Bellavista, Antonio Corradi, Rebecca Montanari, and Cesare Stefanelli. A mobile computing middleware for location- and context-aware Internet data services. *ACM Transactions on Internet Technology (TOIT)*, 6(4):356–380, November 2006. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Bellini:2017:QRE

[BCN17] Emanuele Bellini, Paolo Ceravolo, and Paolo Nesi. Quantify resilience enhancement of UTS through exploiting connected community and Internet of everything emerging technologies. *ACM Transactions on Internet Technology (TOIT)*, 18(1):7:1–7:??, December 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Bicakci:2013:LSS

[BCO13] Kemal Bicakci, Bruno Crispo, and Gabriele Oligeri. LAKE: a server-side authenticated key-establishment with low computational workload. *ACM Transactions on Internet Technology (TOIT)*, 13(2):5:1–5:??, December 2013. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Bond:2004:OAN

[BCP+04] Gregory W. Bond, Eric Cheung, K. Hal Purdy, Pamela Zave, and J. Christopher Ramming. An open architecture for next-generation telecommunication services. *ACM Transactions on Internet Technology (TOIT)*, 4(1): 83–123, February 2004. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Brogi:2008:SBC

[BCP08] Antonio Brogi, Sara Corfini, and Razvan Popescu. Semantics-based composition-oriented discovery of Web services. *ACM Transactions on Internet Technology (TOIT)*, 8(4):19:1–19:??, September 2008. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Bartoli:2010:FLS

[BDM10] Alberto Bartoli, Giorgio Davanzo, and Eric Medvet. A framework for large-scale detection of Web site defacements. *ACM Transactions on Internet Technology (TOIT)*, 10 (3):10:1–10:??, October 2010. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Boneh:2004:FGC

[BDT04] Dan Boneh, Xuhua Ding, and Gene Tsudik. Fine-grained control of security capabilities. *ACM Transactions on Internet Technology (TOIT)*, 4(1): 60–82, February 2004. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Becerra-Fernandez:2006:SEW

[BF06] Irma Becerra-Fernandez. Searching for experts on the Web: a review of contemporary expertise locator systems. *ACM Transactions on Internet Technology (TOIT)*, 6(4):333–355, November 2006. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Boldi:2021:FGN

[BG21] Paolo Boldi and Georgios Gousios. Fine-grained network analysis for modern software ecosystems. *ACM Transactions on Internet Technology (TOIT)*, 21(1): 1:1–1:14, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3418209`.

Bai:2014:PTK

[BGK14] Xiao Bai, Rachid Guerraoui, and Anne-Marie Kermarrec. Personalizing top-k processing online in a peer-to-peer social tagging network. *ACM Transactions on Internet Technology (TOIT)*, 13 (4):11:1–11:??, July 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Bohte:2004:MBR

[BGL04] Sander M. Bohte, Enrico Gerding, and Han La Poutré. Market-based recommendation: Agents that compete for consumer attention. *ACM Transactions on Internet Technology (TOIT)*, 4(4): 420–448, November 2004. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Bianchini:2005:IP

[BGS05] Monica Bianchini, Marco Gori, and Franco Scarselli.

Inside PageRank. *ACM Transactions on Internet Technology (TOIT)*, 5(1): 92–128, February 2005. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Barhamgi:2021:ISS

[BHPY21] Mahmoud Barhamgi, Michael N. Huhns, Charith Perera, and Pinar Yolum. Introduction to the special section on human-centered security, privacy, and trust in the Internet of Things. *ACM Transactions on Internet Technology (TOIT)*, 21(1):16:1–16:3, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3445790`.

Billet:2017:SOP

[BI17] Benjamin Billet and Valérie Issarny. Spinel: an opportunistic proxy for connecting sensors to the Internet of Things. *ACM Transactions on Internet Technology (TOIT)*, 17(2):21:1–21:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Bandara:2015:PBM

[BJ15] H. M. N. Dilum Bandara and Anura P. Jayasumana. P2P-based, multi-attribute resource discovery under real-world resources and queries. *ACM Transactions on Internet Technology (TOIT)*, 15(1): 5:1–5:??, February 2015. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Braumandl:2003:QSI

[BKK03] R. Braumandl, A. Kemper, and D. Kossmann. Quality of service in an information economy. *ACM Transactions on Internet Technology (TOIT)*, 3(4):291–333, November 2003. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Blackburn:2014:COG

[BKS+14] Jeremy Blackburn, Nicolas Kourtellis, John Skvoretz, Matei Ripeanu, and Adriana Iamnitchi. Cheating in online games: a social network perspective. *ACM Transactions on Internet Technology (TOIT)*, 13(3):9:1–9:??, May 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Binmad:2017:IEO

[BL17] Ruchdee Binmad and Mingchu Li. Improving the efficiency of an online

marketplace by incorporating forgiveness mechanism. *ACM Transactions on Internet Technology (TOIT)*, 17(1):9:1–9:??, March 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Bild:2015:ACU

[BLD+15] David R. Bild, Yue Liu, Robert P. Dick, Z. Morley Mao, and Dan S. Wallach. Aggregate characterization of user behavior in Twitter and analysis of the retweet graph. *ACM Transactions on Internet Technology (TOIT)*, 15(1): 4:1–4:??, February 2015. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Benomar:2020:CBE

[BLMP20] Zakaria Benomar, Francesco Longo, Giovanni Merlino, and Antonio Puliafito. Cloud-based enabling mechanisms for container deployment and migration at the network edge. *ACM Transactions on Internet Technology (TOIT)*, 20(3):25:1–25:28, October 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3380955`.

Benomar:2022:CBN

[BLMP22] Zakaria Benomar, Francesco Longo, Giovanni Merlino, and Antonio Puliafito. Cloud-based network virtualization in IoT with OpenStack. *ACM Transactions on Internet Technology (TOIT)*, 22(1): 19:1–19:26, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3460818`.

Barga:2004:RGI

[BLSW04] Roger Barga, David Lomet, German Shegalov, and Gerhard Weikum. Recovery guarantees for Internet applications. *ACM Transactions on Internet Technology (TOIT)*, 4(3):289–328, August 2004. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Boerger:2022:EST

[BLTH22] Michell Boerger, Philipp Lämmel, Nikolay Tcholtchev, and Manfred Hauswirth. Enabling short-term energy flexibility markets through blockchain. *ACM Transactions on Internet Technology (TOIT)*, 22(4):108:1–108:??, November 2022. CODEN

???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3542949`.

Baresi:2019:UMM

[BMG+19] L. Baresi, D. F. Mendonça, M. Garriga, S. Guinea, and G. Quattrocchi. A unified model for the mobile-edge-cloud continuum. *ACM Transactions on Internet Technology (TOIT)*, 19(2): 29:1–29:??, April 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3226644`.

Brabrand:2002:BP

[BMS02] Claus Brabrand, Anders Møller, and Michael I. Schwartzbach. The < bigwig> project. *ACM Transactions on Internet Technology (TOIT)*, 2(2): 79–114, May 2002. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Balsa:2017:TIC

[BPSD17] Ero Balsa, Cristina Pérez-Solà, and Claudia Diaz. Towards inferring communication patterns in online social networks. *ACM Transactions on Internet Technology (TOIT)*, 17(3): 32:1–32:??, July 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Brinkmeier:2006:PR

[Bri06] Michael Brinkmeier. PageRank revisited. *ACM Transactions on Internet Technology (TOIT)*, 6(3): 282–301, August 2006. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Byers:2004:DAI

[BRK04] Simon Byers, Aviel D. Rubin, and David Kormann. Defending against an Internet-based attack on the physical world. *ACM Transactions on Internet Technology (TOIT)*, 4(3):239–254, August 2004. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Borodin:2005:LAR

[BRRT05] Allan Borodin, Gareth O. Roberts, Jeffrey S. Rosenthal, and Panayiotis Tsaparas. Link analysis ranking: algorithms, theory, and experiments. *ACM Transactions on Internet Technology (TOIT)*, 5(1):231–297, February 2005. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Benslimane:2016:UWC

[BSBP16] Djamal Benslimane, Quan Z. Sheng, Mahmoud Barhamgi, and Henri Prade. The uncertain Web: Concepts, challenges, and current solutions. *ACM Transactions on Internet Technology (TOIT)*, 16(1): 1:1–1:??, February 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Besen:2002:ECE

[BSS02] Stanley M. Besen, Jeffrey S. Spigel, and Padmanabhan Srinagesh. Evaluating the competitive effects of mergers of Internet backbone providers. *ACM Transactions on Internet Technology (TOIT)*, 2(3):187–204, August 2002. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Borges:2023:TIT

[BTC+23] Pedro Victor Borges, Chantal Taconet, Sophie Chabridon, Denis Conan, Everton Cavalcante, and Thais Batista. Taming Internet of Things application development with the IoTvar middleware. *ACM Transactions on Internet Technology (TOIT)*, 23(2): 29:1–29:??, May 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3586010`.

Barakat:2022:RBF

[BTGM22] Lina Barakat, Phillip Taylor, Nathan Griffiths, and Simon Miles. A reputation-based framework for honest provenance reporting. *ACM Transactions on Internet Technology (TOIT)*, 22 (4):103:1–103:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3507908`.

Bates:2017:TCT

[BTH+17] Adam Bates, Dave (Jing) Tian, Grant Hernandez, Thomas Moyer, Kevin R. B. Butler, and Trent Jaeger. Taming the costs of trustworthy provenance through policy reduction. *ACM Transactions on Internet Technology (TOIT)*, 17(4): 34:1–34:??, September 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Bakker:2006:WAD

[BVT06] Arno Bakker, Maarten Van Steen, and Andrew S. Tanenbaum. A

wide-area Distribution Network for free software. *ACM Transactions on Internet Technology (TOIT)*, 6(3):259–281, August 2006. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Bing:2016:UEP

[BWL16] Lidong Bing, Tak-Lam Wong, and Wai Lam. Unsupervised extraction of popular product attributes from e-commerce Web sites by considering customer reviews. *ACM Transactions on Internet Technology (TOIT)*, 16(2):12:1–12:??, April 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Baeza-Yates:2007:CNW

[BYCE07] Ricardo Baeza-Yates, Carlos Castillo, and Efthimis N. Efthimiadis. Characterization of national Web domains. *ACM Transactions on Internet Technology (TOIT)*, 7(2):9:1–9:??, May 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Binns:2018:MTP

[BZVS18] Reuben Binns, Jun Zhao, Max Van Kleek, and Nigel Shadbolt. Measuring third-party tracker power across Web and mobile. *ACM Transactions on Internet Technology (TOIT)*, 18(4):52:1–52:??, November 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Chicha:2021:UCM

[CAN+21] Elie Chicha, Bechara Al Bouna, Mohamed Nassar, Richard Chbeir, Ramzi A. Haraty, Mourad Oussalah, Djamal Benslimane, and Mansour Naser Alraja. A user-centric mechanism for sequentially releasing graph datasets under Blowfish privacy. *ACM Transactions on Internet Technology (TOIT)*, 21(1):20:1–20:25, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3431501`.

Chopra:2014:ISI

[CAV14] Amit K. Chopra, Raian Ali, and Maja Vukovic. Introduction to the special issue on foundations of social computing. *ACM Transactions on Internet Technology (TOIT)*, 14(4):22:1–22:??, December 2014. CODEN ???? ISSN

1533-5399 (print), 1557-6051 (electronic).

Cooper:2015:NND

[CB15] Alissa Cooper and Ian Brown. Net neutrality: Discrimination, competition, and innovation in the UK and US. *ACM Transactions on Internet Technology (TOIT)*, 15(1):2:1–2:??, February 2015. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Chegini:2023:DDW

[CBM23] Hossein Chegini, Fernando Beltran, and Aniket Mahanti. Designing and developing a weed detection model for California Thistle. *ACM Transactions on Internet Technology (TOIT)*, 23(3):48:1–48:??, August 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3544491`.

Caruccio:2023:MAI

[CCC+23] Loredana Caruccio, Gaetano Cimino, Stefano Cirillo, Domenico Desiato, Giuseppe Polese, and Genoveffa Tortora. Malicious account identification in social network platforms. *ACM Transactions on Internet Technology (TOIT)*, 23(4):57:1–57:??, November 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3625097`.

Carpentieri:2022:PPS

[CCD+22] Bruno Carpentieri, Arcangelo Castiglione, Alfredo De Santis, Francesco Palmieri, and Raffaele Pizzolante. Privacy-preserving secure media streaming for multi-user smart environments. *ACM Transactions on Internet Technology (TOIT)*, 22(2):32:1–32:21, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3423047`.

Chu:2014:DDM

[CCJ+14] Xiaowen Chu, Xiaowei Chen, Adele Lu Jia, Johan A. Pouwelse, and Dick H. J. Epema. Dissecting Darknets: Measurement and performance analysis. *ACM Transactions on Internet Technology (TOIT)*, 13 (3):7:1–7:??, May 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Chapman:2017:GEP

[CCM17] Adriane Chapman, James

Cheney, and Simon Miles. Guest editorial: The provenance of online data. *ACM Transactions on Internet Technology (TOIT)*, 17(4): 33:1–33:??, September 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Cascone:2021:WTR

[CCN+21] Lucia Cascone, Aniello Castiglione, Michele Nappi, Fabio Narducci, and Ignazio Passero. Waiting for tactile: Robotic and virtual experiences in the fog. *ACM Transactions on Internet Technology (TOIT)*, 21(3): 79:1–79:19, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3421507`.

Chowdhury:2014:RWR

[CDC14] Soudip Roy Chowdhury, Florian Daniel, and Fabio Casati. Recommendation and weaving of reusable mashup model patterns for assisted development. *ACM Transactions on Internet Technology (TOIT)*, 14(2–3):21:1–21:??, October 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Challenger:2005:FBA

[CDIW05] Jim Challenger, Paul Dantzig, Arun Iyengar, and Karen Witting. A fragment-based approach for efficiently creating dynamic Web content. *ACM Transactions on Internet Technology (TOIT)*, 5(2):359–389, May 2005. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Chen:2022:PDD

[CDJ+22] Haipeng Chen, Andrew Duncklee, Sushil Jajodia, Rui Liu, Sean Mcnamara, and V. S. Subrahmanian. PCAM: a data-driven probabilistic cyber-alert management framework. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 67:1–67:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3511101`.

Chen:2010:DVS

[CDM10] Teh-Chung Chen, Scott Dick, and James Miller. Detecting visually similar Web pages: Application to phishing detection. *ACM Transactions on Internet Technology (TOIT)*, 10(2):5:1–5:??, May 2010. CODEN ????

ISSN 1533-5399 (print), 1557-6051 (electronic).

Coucheney:2014:ISN

[CDM+14] Pierre Coucheney, Giuseppe D'acquisto, Patrick Maillé, Maurizio Naldi, and Bruno Tuffin. Influence of search neutrality on the economics of advertisement-financed content. *ACM Transactions on Internet Technology (TOIT)*, 14(2–3):10:1–10:??, October 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ceri:2007:MDD

[CDMF07] Stefano Ceri, Florian Daniel, Maristella Matera, and Federico M. Facca. Model-driven development of context-aware Web applications. *ACM Transactions on Internet Technology (TOIT)*, 7(1):2:1–2:??, February 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Clavel:2017:AIA

[CDPR17] Chloé Clavel, Rossana Damiano, Viviana Patti, and Paolo Rosso. Affect and interaction in agent-based systems and social media: Guest Editors' introduction. *ACM Transactions on Internet Technology (TOIT)*, 17(1):1:1–1:??, March 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Can:2021:PPF

[CE21] Yekta Said Can and Cem Ersoy. Privacy-preserving federated deep learning for wearable IoT-based biomedical monitoring. *ACM Transactions on Internet Technology (TOIT)*, 21(1):21:1–21:17, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3428152`.

Cherkasova:2003:MCE

[CFTV03] Ludmila Cherkasova, Yun Fu, Wenting Tang, and Amin Vahdat. Measuring and characterizing end-to-end Internet service performance. *ACM Transactions on Internet Technology (TOIT)*, 3(4):347–391, November 2003. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Chavhan:2022:ECA

[CGG+22] Suresh Chavhan, Deepak Gupta, Sarada Prasad Gochhayat, Chandana B. N., Ashish Khanna, K. Shankar, and Joel J. P. C. Rodrigues. Edge

computing AI-IoT integrated energy-efficient intelligent transportation system for smart cities. *ACM Transactions on Internet Technology (TOIT)*, 22(4):106:1–106:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3507906`.

Courcoubetis:2014:SIP

[CGL+14] Costas Courcoubetis, Roch Guérin, Patrick Loiseau, David Parkes, Jean Walrand, and Adam Wierman. Special issue on pricing and incentives in networks and systems: Guest Editors' introduction. *ACM Transactions on Internet Technology (TOIT)*, 14(2–3):8:1–8:??, October 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Courcoubetis:2016:NPP

[CGL+16] Costas Courcoubetis, Laszlo Gyarmati, Nikolaos Laoutaris, Pablo Rodriguez, and Kostas Sdrolias. Negotiating premium peering prices: a quantitative model with applications. *ACM Transactions on Internet Technology (TOIT)*, 16(2):14:1–14:??, April 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Cho:2003:EFC

[CGM03] Junghoo Cho and Hector Garcia-Molina. Estimating frequency of change. *ACM Transactions on Internet Technology (TOIT)*, 3(3):256–290, August 2003. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Cho:2006:SWC

[CGMH+06] Junghoo Cho, Hector Garcia-Molina, Taher Haveliwala, Wang Lam, Andreas Paepcke, Sriram Raghavan, and Gary Wesley. Stanford WebBase components and applications. *ACM Transactions on Internet Technology (TOIT)*, 6(2):153–186, May 2006. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Chen:2023:DSI

[CGS23] Keke Chen, Yuechun Gu, and Sagar Sharma. DisguisedNets: Secure image outsourcing for confidential model training in clouds. *ACM Transactions on Internet Technology (TOIT)*, 23(3):47:1–47:??, August 2023. CODEN ???? ISSN 1533-

5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3609506`.

Choo:2021:ISI

[CGT+21] Kkwang Raymond Choo, Uttam Ghosh, Deepak Tosh, Reza M. Parizi, and Ali Dehghantanha. Introduction to the special issue on Decentralized Blockchain Applications and Infrastructures for Next Generation Cyber-Physical Systems. *ACM Transactions on Internet Technology (TOIT)*, 21(2): 38e:1–38e:3, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3464768`.

Chen:2005:FCM

[CH05] Xuan Chen and John Heidemann. Flash crowd mitigation via adaptive admission control based on application-level observations. *ACM Transactions on Internet Technology (TOIT)*, 5(3):532–569, August 2005. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Chen:2021:SSQ

[CHC+21] Yan-Chun Chen, Ren-Hung Hwang, Mu-Yen Chen, Chih-Chin Wen, and Chih-Ping Hsu. Screw slot quality inspection system based on tactile network. *ACM Transactions on Internet Technology (TOIT)*, 21 (4):90:1–90:17, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3423556`.

Chaudhry:2021:RBP

[CIY+21] Shehzad Ashraf Chaudhry, Azeem Irshad, Khalid Yahya, Neeraj Kumar, Mamoun Alazab, and Yousaf Bin Zikria. Rotating behind privacy: an improved lightweight authentication scheme for cloud-based IoT environment. *ACM Transactions on Internet Technology (TOIT)*, 21(3): 78:1–78:19, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3425707`.

Chen:2023:DPP

[CJW+23] Jing Chen, Wenjun Jiang, Jie Wu, Kenli Li, and Keqin Li. Dynamic personalized POI sequence recommendation with fine-grained contexts. *ACM Transactions on Internet Technology (TOIT)*, 23(2):

32:1–32:??, May 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3583687`.

Caragiannis:2014:RGG

[CKKK14] Ioannis Caragiannis, Christos Kaklamanis, Panagiotis Kanellopoulos, and Maria Kyropoulou. Revenue guarantees in the generalized second price auction. *ACM Transactions on Internet Technology (TOIT)*, 14(2–3):17:1–17:??, October 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Chen:2024:NCD

[CL24] Yi-Cheng Chen and Wang-Chien Lee. A novel cross-domain recommendation with evolution learning. *ACM Transactions on Internet Technology (TOIT)*, 24(1):6:1–6:??, February 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3639567`.

Chen:2019:DSM

[CLF+19] Min Chen, Wei Li, Giancarlo Fortino, Yixue Hao, Long Hu, and Iztok Humar. A dynamic service migration mechanism in edge cognitive computing. *ACM Transactions on Internet Technology (TOIT)*, 19(2):30:1–30:??, April 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3239565`.

Chen:2024:EDW

[CLFX24] Yanming Chen, Tong Luo, Weiwei Fang, and Neal. N. Xiong. EdgeCI: Distributed workload assignment and model partitioning for CNN inference on edge clusters. *ACM Transactions on Internet Technology (TOIT)*, 24(2):10:1–10:??, May 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3656041`.

Cheng:2021:AGS

[CLJ+21] Lichen Cheng, Jiqiang Liu, Yi Jin, Yidong Li, and Wei Wang. Account guarantee scheme: Making anonymous accounts supervised in blockchain. *ACM Transactions on Internet Technology (TOIT)*, 21(1):11:1–11:19, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL

https://dl.acm.org/doi/10.1145/3406092.

Chen:2023:UDL

[CLL23] Mu-Yen Chen, Yi-Wei Lai, and Jiunn-Woei Lian. Using deep learning models to detect fake news about COVID-19. *ACM Transactions on Internet Technology (TOIT)*, 23(2): 25:1–25:??, May 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3533431.

Crainiceanu:2011:LBR

[CLM+11] Adina Crainiceanu, Prakash Linga, Ashwin Machanavajjhala, Johannes Gehrke, and Jayavel Shanmugasundaram. Load balancing and range queries in P2P systems using P-Ring. *ACM Transactions on Internet Technology (TOIT)*, 10(4): 16:1–16:??, March 2011. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Concone:2019:FBA

[CLM19] Federico Concone, Giuseppe Lo Re, and Marco Morana. A fog-based application for human activity recognition using personal smart devices. *ACM Transactions on Internet Technology (TOIT)*, 19(2): 20:1–20:??, April 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3266142.

Chan:2005:MPC

[CLN05] Addison Chan, Rynson W. H. Lau, and Beatrice Ng. Motion prediction for caching and prefetching in mouse-driven DVE navigation. *ACM Transactions on Internet Technology (TOIT)*, 5(1):70–91, February 2005. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Chen:2022:MBJ

[CLS+22] Guihong Chen, Xi Liu, Mohammad Shorfuzzaman, Ali Karime, Yonghua Wang, and Yuanhang Qi. MEC-based jamming-aided anti-eavesdropping with deep reinforcement learning for WBANs. *ACM Transactions on Internet Technology (TOIT)*, 22(3):60:1–60:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3453186.

Chen:2022:DDI

[CLW+22] Chen Chen, Lei Liu, Shaohua Wan, Xiaozhe Hui, and Qingqi Pei. Data dissemination for Industry 4.0 applications in Internet of Vehicles based on short-term traffic prediction. *ACM Transactions on Internet Technology (TOIT)*, 22(1):3:1–3:18, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3430505`.

Chen:2020:UEG

[CLZ+20] Ting Chen, Zihao Li, Yuxiao Zhu, Jiachi Chen, Xiapu Luo, John Chi-Shing Lui, Xiaodong Lin, and Xiaosong Zhang. Understanding Ethereum via graph analysis. *ACM Transactions on Internet Technology (TOIT)*, 20(2):18:1–18:32, May 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3381036`.

Choudhury:2022:DND

[CMML22] Nikumani Choudhury, Rakesh Matam, Mithun Mukherjee, and Jaime Lloret. DADC: a novel duty-cycling scheme for IEEE 802.15.4 cluster-tree-based IoT applications. *ACM Transactions on Internet Technology (TOIT)*, 22(2):30:1–30:26, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3409487`.

Copil:2016:RFS

[CMTD16] Georgiana Copil, Daniel Moldovan, Hong-Linh Truong, and Schahram Dustdar. rSYBL: a framework for specifying and controlling cloud services elasticity. *ACM Transactions on Internet Technology (TOIT)*, 16(3):18:1–18:??, August 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Charmet:2024:VVP

[CMTT24] Fabien Charmet, Tomohiro Morikawa, Akira Tanaka, and Takeshi Takahashi. VORTEX: Visual phishing detectiOns aRe Through EXplanations. *ACM Transactions on Internet Technology (TOIT)*, 24(2):9:1–9:??, May 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3654665`.

Costa:2016:MBC

[CO16] Gianni Costa and Riccardo Ortale. Model-based collaborative personalized recommendation on signed social rating networks. *ACM Transactions on Internet Technology (TOIT)*, 16(3):20:1–20:??, August 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Cooley:2003:UWS

[Coo03] Robert Cooley. The use of web structure and content to identify subjectively interesting web usage patterns. *ACM Transactions on Internet Technology (TOIT)*, 3(2): 93–116, May 2003. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Chen:2021:PSD

[CPL+21] Liang Chen, Jiaying Peng, Yang Liu, Jintang Li, Fenfang Xie, and Zibin Zheng. Phishing scams detection in Ethereum transaction network. *ACM Transactions on Internet Technology (TOIT)*, 21(1):10:1–10:16, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3398071`.

Claessens:2003:HCM

[CPV03] Joris Claessens, Bart Preneel, and Joos Vandewalle. (how) can mobile agents do secure electronic transactions on untrusted hosts? A survey of the security issues and the current solutions. *ACM Transactions on Internet Technology (TOIT)*, 3(1):28–48, February 2003. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Cao:2016:MMR

[CPV+16] Tien-Dung Cao, Tran-Vu Pham, Quang-Hieu Vu, Hong-Linh Truong, Duc-Hung Le, and Schahram Dustdar. MARSA: a marketplace for realtime human sensing data. *ACM Transactions on Internet Technology (TOIT)*, 16(3): 16:1–16:??, August 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Codetta-Raiteri:2017:DNS

[CRP17] Daniele Codetta-Raiteri and Luigi Portinale. Decision networks for security risk assessment of critical infrastructures. *ACM Transac-*

tions on Internet Technology (TOIT), 18(3): 29:1–29:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Coyle:2007:SIW

[CS07] Maurice Coyle and Barry Smyth. Supporting intelligent Web search. *ACM Transactions on Internet Technology (TOIT)*, 7(4):20:1–20:??, October 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Colazzo:2009:DCS

[CS09] Dario Colazzo and Carlo Sartiani. Detection of corrupted schema mappings in XML data integration systems. *ACM Transactions on Internet Technology (TOIT)*, 9(4):14:1–14:??, September 2009. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ciesielczyk:2017:PRI

[CSMM17] Michal Ciesielczyk, Andrzej Szwabe, Mikolaj Morzy, and Pawel Misiorek. Progressive random indexing: Dimensionality reduction preserving local network dependencies. *ACM Transactions on Internet Technology (TOIT)*, 17(2): 20:1–20:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Chopra:2017:ISI

[CSS17] Amit K. Chopra, Erez Shmueli, and Vivek K. Singh. Introduction to the special issue on advances in social computing. *ACM Transactions on Internet Technology (TOIT)*, 17(2): 11:1–11:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Cheng:2020:CCH

[CSS20] Xia Cheng, Junyang Shi, and Mo Sha. Cracking channel hopping sequences and graph routes in industrial TSCH networks. *ACM Transactions on Internet Technology (TOIT)*, 20(3): 23:1–23:28, October 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3372881`.

Chen:2022:NIM

[CSW+22] Min Chen, Ke Shen, Rui Wang, Yiming Miao, Yingying Jiang, Kai Hwang, Yixue Hao, Guangming Tao, Long Hu, and Zhongchun Liu. Negative information measurement at AI

edge: a new perspective for mental health monitoring. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 62:1–62:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3471902`.

Carstens:2017:UAI

[CT17] Lucas Carstens and Francesca Toni. Using argumentation to improve classification in natural language problems. *ACM Transactions on Internet Technology (TOIT)*, 17 (3):30:1–30:??, July 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Chhetri:2024:THA

[CTS+24] Mohan Baruwal Chhetri, Shahroz Tariq, Ronal Singh, Fatemeh Jalalvand, Cecile Paris, and Surya Nepal. Towards human-AI teaming to mitigate alert fatigue in security operations centres. *ACM Transactions on Internet Technology (TOIT)*, 24(3): 12:1–12:??, 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3670009`.

Chien:2006:SCQ

[CTZZ06] Shu-Yao Chien, Vassilis J. Tsotras, Carlo Zaniolo, and Donghui Zhang. Supporting complex queries on multiversion XML documents. *ACM Transactions on Internet Technology (TOIT)*, 6(1):53–84, February 2006. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Chau:2014:EVP

[CWC14] Chi-Kin Chau, Qian Wang, and Dah-Ming Chiu. Economic viability of Paris Metro Pricing for digital services. *ACM Transactions on Internet Technology (TOIT)*, 14 (2–3):12:1–12:??, October 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Chen:2019:IMC

[CWLZ19] Yanjiao Chen, Xu Wang, Baochun Li, and Qian Zhang. An incentive mechanism for crowdsourcing systems with network effects. *ACM Transactions on Internet Technology (TOIT)*, 19(4):49:1–49:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.`

org/ft_gateway.cfm?id=3347514.

Cao:2021:UDK

[CWW+21] Bin Cao, Jiawei Wu, Sichao Wang, Honghao Gao, Jing Fan, Shuiguang Deng, Jianwei Yin, and Xuan Liu. Unsupervised derivation of keyword summary for short texts. *ACM Transactions on Internet Technology (TOIT)*, 21(2): 45:1–45:23, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3397162.

Chiu:2021:RGB

[CXG21] David K. Y. Chiu, Tao Xu, and Iker Gondra. Random graph-based multiple instance learning for structured IoT smart city applications. *ACM Transactions on Internet Technology (TOIT)*, 21(3):70:1–70:17, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3448611.

Chen:2021:CWR

[CXH+21] Min Chen, Wenjing Xiao, Long Hu, Yujun Ma, Yin Zhang, and Guangming Tao. Cognitive wearable robotics for autism perception enhancement. *ACM Transactions on Internet Technology (TOIT)*, 21(4): 97:1–97:16, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3450630.

Cui:2021:IVS

[CXW+21] Laizhong Cui, Zhe Xiao, Jiahao Wang, Fei Chen, Yi Pan, Hua Dai, and Jing Qin. Improving vaccine safety using blockchain. *ACM Transactions on Internet Technology (TOIT)*, 21(2): 38:1–38:24, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3388446.

Chen:2020:ORP

[CYD+20] Jiaoyan Chen, Laurence T. Yang, Xianjun Deng, Xianggong Hong, and Lingzhi Yi. Optimal receiver placement for K-barrier coverage in passive bistatic radar sensor networks. *ACM Transactions on Internet Technology (TOIT)*, 20(3):24:1–24:23, October 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https:

//dl.acm.org/doi/10.1145/3377402.

Chen:2021:TEE

[CYG+21] Wu Chen, Yong Yu, Keke Gai, Jiamou Liu, and Kim-Kwang Raymond Choo. Time-efficient ensemble learning with sample exchange for edge computing. *ACM Transactions on Internet Technology (TOIT)*, 21(3): 76:1–76:17, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3409265.

Chen:2022:EEE

[CYWW22] Long Chen, Mianyang Yao, Yalan Wu, and Jigang Wu. EECDN: Energy-efficient cooperative DNN edge inference in wireless sensor networks. *ACM Transactions on Internet Technology (TOIT)*, 22 (4):109:1–109:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3544969.

Ciortea:2022:ISI

[CZPS22] Andrei Ciortea, Xiaomin Zhu, Calton Pu, and Munindar P. Singh. Introduction to the special issue on multiagent systems and services in the Internet of Things. *ACM Transactions on Internet Technology (TOIT)*, 22(4):99:1–99:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3584744.

Doncel:2014:PAR

[DABP14] Josu Doncel, Urtzi Ayesta, Olivier Brun, and Balakrishna Prabhu. Is the price of anarchy the right measure for load-balancing games? *ACM Transactions on Internet Technology (TOIT)*, 14 (2–3):18:1–18:??, October 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Dalal:2011:UPQ

[Dal11] Amy Csizmar Dalal. User-perceived quality assessment of streaming media using reduced feature sets. *ACM Transactions on Internet Technology (TOIT)*, 11(2): 8:1–8:??, December 2011. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Dacosta:2012:OTC

[DCAT12] Italo Dacosta, Saurabh Chakradeo, Mustaque

Ahamad, and Patrick Traynor. One-time cookies: Preventing session hijacking attacks with stateless authentication tokens. *ACM Transactions on Internet Technology (TOIT)*, 12(1): 1:1–1:??, June 2012. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Deng:2021:STL

[DCD+21] Song Deng, Fulin Chen, Xia Dong, Guangwei Gao, and Xindong Wu. Short-term load forecasting by using improved GEP and abnormal load recognition. *ACM Transactions on Internet Technology (TOIT)*, 21(4): 95:1–95:28, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3447513`.

Dailey:2022:ADN

[DCL+22] Ryan Dailey, Aniesh Chawla, Andrew Liu, Sripath Mishra, Ling Zhang, Josh Majors, Yung-Hsiang Lu, and George K. Thiruvathukal. Automated discovery of network cameras in heterogeneous Web pages. *ACM Transactions on Internet Technology (TOIT)*, 22(1):15:1–15:25, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3450629`.

Deng:2021:IDC

[DCZ+21] Shuiguang Deng, Guanjie Cheng, Hailiang Zhao, Honghao Gao, and Jianwei Yin. Incentive-driven computation offloading in blockchain-enabled e-commerce. *ACM Transactions on Internet Technology (TOIT)*, 21(1): 9:1–9:19, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3397160`.

Dossani:2007:IRO

[DD07] Rafiq Dossani and Nathan Denny. The Internet's role in offshored services: a case study of India. *ACM Transactions on Internet Technology (TOIT)*, 7(3):15:1–15:??, August 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

DeMeo:2019:TPM

[De 19] Pasquale De Meo. Trust prediction via matrix factorisation. *ACM Transactions on Internet Technology (TOIT)*, 19(4):

44:1–44:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3323163`.

Salve:2023:ATM

[DFL+23] Andrea De Salve, Luca Franceschi, Andrea Lisi, Paolo Mori, and Laura Ricci. L2DART: a trust management system integrating blockchain and off-chain computation. *ACM Transactions on Internet Technology (TOIT)*, 23(1):14:1–14:??, February 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3561386`.

Dopmann:2022:OBP

[DFLT22] Christoph Döpmann, Felix Fiedler, Sergio Lucia, and Florian Tschorsch. Optimization-based predictive congestion control for the Tor network: Opportunities and challenges. *ACM Transactions on Internet Technology (TOIT)*, 22(4):97:1–97:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3520440`.

Dandekar:2015:SFC

[DGWW15] Pranav Dandekar, Ashish Goel, Michael P. Wellman, and Bryce Wiedenbeck. Strategic formation of credit networks. *ACM Transactions on Internet Technology (TOIT)*, 15(1):3:1–3:??, February 2015. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Dai:2015:EDC

[DJ15] Wei Dai and Scott Jordan. The effect of data caps upon ISP service tier design and users. *ACM Transactions on Internet Technology (TOIT)*, 15(2):8:1–8:??, June 2015. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Deshpande:2004:SMM

[DK04] Mukund Deshpande and George Karypis. Selective Markov models for predicting Web page accesses. *ACM Transactions on Internet Technology (TOIT)*, 4(2):163–184, May 2004. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Dill:2002:SSW

[DKM+02] Stephen Dill, Ravi Kumar, Kevin S. Mccurley, Sridhar Rajagopalan,

D. Sivakumar, and Andrew Tomkins. Self-similarity in the web. *ACM Transactions on Internet Technology (TOIT)*, 2(3):205–223, August 2002. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Dikaiakos:2012:MSR

[DKP12] Marios D. Dikaiakos, Asterios Katsifodimos, and George Pallis. Minersoft: Software retrieval in grid and cloud computing infrastructures. *ACM Transactions on Internet Technology (TOIT)*, 12 (1):2:1–2:??, June 2012. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Damiani:2017:EOS

[DKP17] Ernesto Damiani, Ryszard Kowalczyk, and Gerard Parr. Extending the outreach: From smart cities to connected communities. *ACM Transactions on Internet Technology (TOIT)*, 18(1):1:1–1:??, December 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Donato:2007:WGH

[DLLM07] Debora Donato, Luigi Laura, Stefano Leonardi, and Stefano Millozzi. The Web as a graph: How far we are. *ACM Transactions on Internet Technology (TOIT)*, 7(1):4:1–4:??, February 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Duan:2016:SDC

[DLZ+16] Li Duan, Dongxi Liu, Yang Zhang, Shiping Chen, Ren Ping Liu, Bo Cheng, and Junliang Chen. Secure data-centric access control for smart grid services based on publish/subscribe systems. *ACM Transactions on Internet Technology (TOIT)*, 16 (4):23:1–23:??, December 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Meo:2017:UCM

[DMGR+17] Pasquale De Meo, Katarzyna Musial-Gabrys, Domenico Rosaci, Giuseppe M. L. Sarnè, and Lora Aroyo. Using centrality measures to predict helpfulness-based reputation in trust networks. *ACM Transactions on Internet Technology (TOIT)*, 17(1): 8:1–8:??, March 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ding:2007:ESD

[DMT07] Xuhua Ding, Daniele

Mazzocchi, and Gene Tsudik. Equipping smart devices with public key signatures. *ACM Transactions on Internet Technology (TOIT)*, 7(1):3:1–3:??, February 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Dustdar:2019:ISS

[DNJ19] Schahram Dustdar, Surya Nepal, and James Joshi. Introduction to the special section on advances in Internet-based collaborative technologies. *ACM Transactions on Internet Technology (TOIT)*, 19 (3):37:1–37:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Daaji:2022:MCW

[DOG+22] Marwa Daaji, Ali Ouni, Mohamed Mohsen Gammoudi, Salah Bouktif, and Mohamed Wiem Mkaouer. Multi-criteria Web services selection: Balancing the quality of design and quality of service. *ACM Transactions on Internet Technology (TOIT)*, 22(1):12:1–12:31, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3446388`.

Dastani:2017:OCM

[DP17] Mehdi Dastani and Alexander Pankov. Other-condemning moral emotions: Anger, contempt and disgust. *ACM Transactions on Internet Technology (TOIT)*, 17(1): 4:1–4:??, March 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Das:2016:CWM

[DPCM16] Aveek K. Das, Parth H. Pathak, Chen-Nee Chuah, and Prasant Mohapatra. Characterization of wireless multidevice users. *ACM Transactions on Internet Technology (TOIT)*, 16(4): 29:1–29:??, December 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Dan:2022:IGT

[DPD22] Ovidiu Dan, Vaibhav Parikh, and Brian D. Davison. IP geolocation through reverse DNS. *ACM Transactions on Internet Technology (TOIT)*, 22(1):17:1–17:29, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3457611`.

Diaz:2005:PSR

[DR05] Oscar Diaz and Juan J. Rodriguez. Portlet syndication: Raising variability concerns. *ACM Transactions on Internet Technology (TOIT)*, 5(4): 627–659, November 2005. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Dong:2023:PIS

[DRC+23] Yucheng Dong, Qin Ran, Xiangrui Chao, Congcong Li, and Shui Yu. Personalized individual semantics learning to support a large-scale linguistic consensus process. *ACM Transactions on Internet Technology (TOIT)*, 23(2): 26:1–26:??, May 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3533432`.

David:2007:ODE

[DRJ+07] Esther David, Alex Rogers, Nicholas R. Jennings, Jeremy Schiff, Sarit Kraus, and Michael H. Rothkopf. Optimal design of English auctions with discrete bid levels. *ACM Transactions on Internet Technology (TOIT)*, 7(2):12:1–12:??, May 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Dolog:2008:PAL

[DSNK08] Peter Dolog, Bernd Simon, Wolfgang Nejdl, and Tomaž Klobučar. Personalizing access to learning networks. *ACM Transactions on Internet Technology (TOIT)*, 8(2): 3:1–3:??, February 2008. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Das:2019:PAH

[DSVA19] Saptarshi Das, Shamik Sural, Jaideep Vaidya, and Vijayalakshmi Atluri. Policy adaptation in hierarchical attribute-based access control systems. *ACM Transactions on Internet Technology (TOIT)*, 19(3): 40:1–40:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3323233`.

Drosatos:2017:PET

[DTE17] George Drosatos, Aimilia Tasidou, and Pavlos S. Efraimidis. Privacy-enhanced television audience measurements. *ACM Transactions on Internet Technology (TOIT)*, 17(1):10:1–10:??, March

2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Doan:2022:EVC

[DvRDHB22] Trinh Viet Doan, Roland van Rijswijk-Deij, Oliver Hohlfeld, and Vaibhav Bajpai. An empirical view on consolidation of the Web. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 70:1–70:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3503158`.

Dong:2024:DMS

[DWF24] Chao Dong, Fang Wang, and Dan Feng. DxHash: a memory-saving consistent hashing algorithm. *ACM Transactions on Internet Technology (TOIT)*, 24(1): 3:1–3:??, February 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3631708`.

Dai:2023:EAC

[DWGC23] Yuanjun Dai, An Wang, Yang Guo, and Songqing Chen. Elastically augmenting the control-path throughput in SDN to deal with Internet DDoS attacks. *ACM Transactions on Internet Technology (TOIT)*, 23(1): 9:1–9:??, February 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3559759`.

Deng:2023:USS

[DXP+23] Lizhen Deng, Guoxia Xu, Jiaqi Pi, Hu Zhu, and Xiaokang Zhou. Unpaired self-supervised learning for industrial cybermanufacturing spectrum blind deconvolution. *ACM Transactions on Internet Technology (TOIT)*, 23(4):52:1–52:??, November 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3590963`.

Do:2016:CMD

[DZHV16] Ngoc Do, Ye Zhao, Cheng-Hsin Hsu, and Nalini Venkatasubramanian. Crowdsourced mobile data transfer with delay bound. *ACM Transactions on Internet Technology (TOIT)*, 16 (4):28:1–28:??, December 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Enguehard:2020:ELC

[EDC20] Marcel Enguehard, Yoann Desmouceaux, and Gio-

vanna Carofiglio. Efficient latency control in fog deployments via hardware-accelerated popularity estimation. *ACM Transactions on Internet Technology (TOIT)*, 20(3):21:1–21:23, October 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3366020`.

Eshuis:2019:RAP

[EHY19] Rik Eshuis, Richard Hull, and Mengfei Yi. Reasoning about property preservation in adaptive case management. *ACM Transactions on Internet Technology (TOIT)*, 19(1):12:1–12:??, March 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ehrenkranz:2009:SIS

[EL09] Toby Ehrenkranz and Jun Li. On the state of IP spoofing defense. *ACM Transactions on Internet Technology (TOIT)*, 9(2): 6:1–6:??, May 2009. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Estuka:2019:PVA

[EM19] Fadwa Estuka and James Miller. A pure visual approach for automatically extracting and aligning structured Web data. *ACM Transactions on Internet Technology (TOIT)*, 19(4): 51:1–51:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3365376`.

Esmaeili:2024:HAS

[ERM24] Ahmad Esmaeili, Julia Rayz, and Eric Matson. Hybrid algorithm selection and hyperparameter tuning on distribute machine learning resources: Hierarchical agent-based approach. *ACM Transactions on Internet Technology (TOIT)*, 24(4): 31:1–31:??, November 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3697834`.

Estrada-Torres:2019:MPK

[ETRDRO+19] Bedilia Estrada-Torres, Pedro Henrique Piccoli Richetti, Adela Del-Río-Ortega, Fernanda Araujo Baião, Manuel Resinas, Flávia Maria Santoro, and Antonio Ruiz-Cortés. Measuring performance in knowledge-intensive processes. *ACM Transactions on Internet Technology (TOIT)*, 19(1):

15:1–15:??, March 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Eirinaki:2003:WMW

[EV03] Magdalini Eirinaki and Michalis Vazirgiannis. Web mining for web personalization. *ACM Transactions on Internet Technology (TOIT)*, 3 (1):1–27, February 2003. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Eirinaki:2007:WSP

[EV07] Magdalini Eirinaki and Michalis Vazirgiannis. Web site personalization based on link analysis and navigational patterns. *ACM Transactions on Internet Technology (TOIT)*, 7(4):21:1–21:??, October 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Figueiredo:2014:DSM

[FAGB14] Flavio Figueiredo, Jussara M. Almeida, Marcos André Gonçalves, and Fabrício Benevenuto. On the dynamics of social media popularity: a YouTube case study. *ACM Transactions on Internet Technology (TOIT)*, 14(4): 24:1–24:??, December 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Fattah:2025:SBI

[FB25] Sheik Mohammad Mostakim Fattah and Athman Bouguettaya. Signature-based IaaS performance change detection. *ACM Transactions on Internet Technology (TOIT)*, 25(1):2:1–2:??, February 2025. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ferry:2018:CMD

[FCS+18] Nicolas Ferry, Franck Chauvel, Hui Song, Alessandro Rossini, Maksym Lushpenko, and Arnor Solberg. CloudMF: Model-driven management of multi-cloud applications. *ACM Transactions on Internet Technology (TOIT)*, 18(2): 16:1–16:??, March 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Flake:2004:GEMa

[FFGM04a] Gary William Flake, Paolo Frasconi, C. Lee Giles, and Marco Maggini. Guest editorial: Machine learning for the Internet. *ACM Transactions on Internet Technology (TOIT)*, 4(2):125–128, May 2004. CODEN

???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Flake:2004:GEMb

[FFGM04b] Gary William Flake, Paolo Frasconi, C. Lee Giles, and Marco Maggini. Guest editorial: Machine learning for the Internet. *ACM Transactions on Internet Technology (TOIT)*, 4(4):341–343, November 2004. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Felemban:2019:TMD

[FFKG19] Muhamad Felemban, Emad Felemban, Jason Kobes, and Arif Ghafoor. Threat management in data-centric IoT-based collaborative systems. *ACM Transactions on Internet Technology (TOIT)*, 19 (3):42:1–42:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Fazzinga:2009:RXD

[FFP09] Bettina Fazzinga, Sergio Flesca, and Andrea Pugliese. Retrieving XML data from heterogeneous sources through vague querying. *ACM Transactions on Internet Technology (TOIT)*, 9(2): 7:1–7:??, May 2009. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Faraci:2020:FCU

[FGS20] Giuseppe Faraci, Christian Grasso, and Giovanni Schembra. Fog in the clouds: UAVs to provide edge computing to IoT devices. *ACM Transactions on Internet Technology (TOIT)*, 20(3):26:1–26:26, October 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3382756`.

Feng:2012:VCC

[FLD12] Qinyuan Feng, Ling Liu, and Yafei Dai. Vulnerabilities and countermeasures in context-aware social rating services. *ACM Transactions on Internet Technology (TOIT)*, 11 (3):11:1–11:??, January 2012. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Fenner:2006:SME

[FLL06] Trevor Fenner, Mark Levene, and George Loizou. A stochastic model for the evolution of the Web allowing link deletion. *ACM Transactions on Internet Technology (TOIT)*, 6(2):117–130, May 2006. CODEN

???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Fischer:2022:ISS

[FLLM22] Mathias Fischer, Winfried Lamersdorf, Jörg Liebeherr, and Max Mühlhäuser. Introduction to the special section on recent advances in networks and distributed systems. *ACM Transactions on Internet Technology (TOIT)*, 22(4):93:1–93:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3584743`.

Fouquet:2023:BBQ

[FLR23] Romain Fouquet, Pierre Laperdrix, and Romain Rouvoy. Breaking bad: Quantifying the addiction of Web elements to JavaScript. *ACM Transactions on Internet Technology (TOIT)*, 23(1):22:1–22:??, February 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3579846`.

Ferretti:2019:FBS

[FMC19] Luca Ferretti, Mirco Marchetti, and Michele Colajanni. Fog-based secure communications for low-power IoT devices. *ACM Transactions on Internet Technology (TOIT)*, 19(2):27:1–27:??, April 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3284554`.

Fu:2023:TAC

[FPA+23] Xiuwen Fu, Pasquale Pace, Gianluca Aloi, Antonio Guerrieri, Wenfeng Li, and Giancarlo Fortino. Tolerance analysis of cybermanufacturing systems to cascading failures. *ACM Transactions on Internet Technology (TOIT)*, 23(4):50:1–50:??, November 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3579847`.

Farias:2016:IDT

[FPR16] Delia Irazú Hernández Farías, Viviana Patti, and Paolo Rosso. Irony detection in Twitter: The role of affective content. *ACM Transactions on Internet Technology (TOIT)*, 16(3):19:1–19:??, August 2016. CODEN ???? ISSN 1533-

5399 (print), 1557-6051 (electronic).

Fang:2004:LWM

[FS04] Xiao Fang and Olivia R. Liu Sheng. LinkSelector: A Web mining approach to hyperlink selection for Web portals. *ACM Transactions on Internet Technology (TOIT)*, 4(2):209–237, May 2004. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Falcone:2015:RCT

[FSC15] Rino Falcone, Alessandro Sapienza, and Cristiano Castelfranchi. The relevance of categories for trusting information sources. *ACM Transactions on Internet Technology (TOIT)*, 15(4): 13:1–13:??, December 2015. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Fan:2025:HLH

[FSTH25] Boyu Fan, Xiang Su, Sasu Tarkoma, and Pan Hui. HeLoRA: LoRA-heterogeneous federated fine-tuning for foundation models. *ACM Transactions on Internet Technology (TOIT)*, 25(2): 11:1–11:??, May 2025. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Fan:2024:RLR

[FSW+24] Shuming Fan, Hongjian Shi, Chenpei Wang, Ruhui Ma, and Xiaoming Wang. RFL-LSU: a robust federated learning approach with localized stepwise updates. *ACM Transactions on Internet Technology (TOIT)*, 24(4):30:1–30:??, November 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3690822`.

Fielding:2002:PDM

[FT02] Roy T. Fielding and Richard N. Taylor. Principled design of the modern Web architecture. *ACM Transactions on Internet Technology (TOIT)*, 2(2):115–150, May 2002. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Fang:2023:JAD

[FXYX23] Weiwei Fang, Wenyuan Xu, Chongchong Yu, and Neal. N. Xiong. Joint architecture design and workload partitioning for DNN inference on industrial IoT clusters. *ACM Transactions*

on Internet Technology (TOIT), 23(1):7:1–7:??, February 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3551638`.

Fujikawa:2017:SVN

[FYT17] Hiroshi Fujikawa, Hirofumi Yamaki, and Setsuo Tsuruta. Seamless virtual network for international business continuity in presence of intentional blocks. *ACM Transactions on Internet Technology (TOIT)*, 18 (1):10:1–10:??, December 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Fan:2022:SEE

[FYW+22] Zhenyu Fan, Wang Yang, Fan Wu, Jing Cao, and Weisong Shi. Serving at the edge: an edge computing service architecture based on ICN. *ACM Transactions on Internet Technology (TOIT)*, 22(1):22:1–22:27, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3464428`.

Feng:2019:PPP

[FYZ19] Jun Feng, Laurence T. Yang, and Ronghao Zhang. Practical privacy-preserving high-order bi-Lanczos in integrated edge-fog-cloud architecture for cyber-physical-social systems. *ACM Transactions on Internet Technology (TOIT)*, 19(2):26:1–26:??, April 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3230641`.

Feng:2021:BET

[FYZ+21] Jun Feng, Laurence T. Yang, Yuxiang Zhu, Nicholaus J. Gati, and Yijun Mo. Blockchain-enabled tensor-based conditional deep convolutional GAN for cyber-physical-social systems. *ACM Transactions on Internet Technology (TOIT)*, 21(2):41:1–41:17, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3404890`.

Graves:2018:SCC

[GAC18] James T. Graves, Alessandro Acquisti, and Nicolas Christin. Should credit card issuers reissue cards in response to a data breach?: Uncertainty and transparency in metrics for data security policymaking. *ACM*

Transactions on Internet Technology (TOIT), 18 (4):54:1–54:??, November 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Gavanelli:2018:APA

[GAL18] Marco Gavanelli, Marco Alberti, and Evelina Lamma. Accountable protocols in abductive logic programming. *ACM Transactions on Internet Technology (TOIT)*, 18 (4):46:1–46:??, November 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Gu:2022:AET

[GAL+22] Bo Gu, Mamoun Alazab, Ziqi Lin, Xu Zhang, and Jun Huang. AI-enabled task offloading for improving quality of computational experience in ultra dense networks. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 68:1–68:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3491217`.

Garriga:2021:DCP

[GAT+21] Martin Garriga, Koen Aarns, Christos Tsigkanos, Damian A. Tamburri, and Wjan Van Den Heuvel. DataOps for cyber-physical systems governance: The airport passenger flow case. *ACM Transactions on Internet Technology (TOIT)*, 21(2):36:1–36:25, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3432247`.

Gupta:2008:SAI

[GBAR08] Manish Gupta, Shamik Banerjee, Manish Agrawal, and H. Raghav Rao. Security analysis of Internet technology components enabling globally distributed workplaces — a framework. *ACM Transactions on Internet Technology (TOIT)*, 8(4):17:1–17:??, September 2008. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ge:2022:PDI

[GCK+22] Mengmeng Ge, Jin-Hee Cho, Dongseong Kim, Gaurav Dixit, and Ing-Ray Chen. Proactive defense for Internet-of-things: Moving target defense with cyberdeception. *ACM Transactions on Internet Technology (TOIT)*, 22(1):24:1–24:31, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051

(electronic). URL `https://dl.acm.org/doi/10.1145/3467021`.

Ge:2020:SBP

[GCP+20] Xiaoyu Ge, Panos K. Chrysanthis, Konstantinos Pelechrinis, Demetrios Zeinalipour-Yazti, and Mohamed A. Sharaf. Serendipity-based points-of-interest navigation. *ACM Transactions on Internet Technology (TOIT)*, 20(4):33:1–33:32, November 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3391197`.

Garcia-Dorado:2017:BMW

[GD17] José Luis García-Dorado. Bandwidth measurements within the cloud: Characterizing regular behaviors and correlating downtimes. *ACM Transactions on Internet Technology (TOIT)*, 17(4):39:1–39:??, September 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

GarcIa-DIaz:2022:ISS

[GDLM22] Vicente GarcÍa-DÍaz, Jerry Chun-Wei Lin, and Juan Antonio Morente Molinera. Introduction to the special section on edge computing AI-IoT integrated energy efficient intelligent transportation system for smart cities. *ACM Transactions on Internet Technology (TOIT)*, 22(4):105:1–105:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3584745`.

Guerin:2014:ABS

[GdOW14] Roch Guérin, Jaudelice C. de Oliveira, and Steven Weber. Adoption of bundled services with network externalities and correlated affinities. *ACM Transactions on Internet Technology (TOIT)*, 14(2–3):13:1–13:??, October 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Glavic:2014:ESP

[GEFT14] Boris Glavic, Kyumars Sheykh Esmaili, Peter M. Fischer, and Nesime Tatbul. Efficient stream provenance via operator instrumentation. *ACM Transactions on Internet Technology (TOIT)*, 14(1):7:1–7:??, July 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Gelenbe:2009:ASN

[Gel09] Erol Gelenbe. Analysis of single and networked auctions. *ACM Transactions on Internet Technology (TOIT)*, 9(2):8:1–8:??, May 2009. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Golbeck:2006:IBT

[GH06] Jennifer Golbeck and James Hendler. Inferring binary trust relationships in Web-based social networks. *ACM Transactions on Internet Technology (TOIT)*, 6(4):497–529, November 2006. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Gao:2021:CEB

[GHD21] Honghao Gao, Wanqiu Huang, and Yucong Duan. The cloud-edge-based dynamic reconfiguration to service workflow for mobile ecommerce environments: a QoS prediction perspective. *ACM Transactions on Internet Technology (TOIT)*, 21(1):6:1–6:23, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3391198`.

Goncalves:2017:ESK

[GHK17] Jorge Goncalves, Simo Hosio, and Vassilis Kostakos. Eliciting structured knowledge from situated crowd markets. *ACM Transactions on Internet Technology (TOIT)*, 17(2):14:1–14:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Gomathy:2021:ISC

[GJAT+21] V. Gomathy, K. Janarthanan, Fadi Al-Turjman, R. Sitharthan, M. Rajesh, K. Vengatesan, and T. Priya Reshma. Investigating the spread of coronavirus disease via edge-AI and air pollution correlation. *ACM Transactions on Internet Technology (TOIT)*, 21(4):105:1–105:10, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3424222`.

Gangwar:2023:CDS

[GK23] Arvind Kumar Gangwar and Sandeep Kumar. Concept drift in software defect prediction: a method for detecting and handling the drift. *ACM Transactions on Internet Technology (TOIT)*, 23(2):31:1–31:??, May 2023.

CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3589342`.

Geneves:2014:EIX

[GL14] Pierre Genevès and Nabil Layaïda. Equipping IDEs with XML-Path reasoning capabilities. *ACM Transactions on Internet Technology (TOIT)*, 13 (4):13:1–13:??, July 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Gordon:2002:LBD

[GLF02] Michael Gordon, Robert K. Lindsay, and Weiguo Fan. Literature-based discovery on the World Wide Web. *ACM Transactions on Internet Technology (TOIT)*, 2(4):261–275, November 2002. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Gan:2021:BFU

[GLFV+21] Wensheng Gan, Jerry Chun-Wei Lin, Philippe Fournier-Viger, Han-Chieh Chao, and Philip S. Yu. Beyond frequency: Utility mining with varied item-specific minimum utility. *ACM Transactions on Internet Technology (TOIT)*, 21(1): 3:1–3:32, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3425498`.

Guo:2012:TNA

[GLJ+12] Deke Guo, Yunhao Liu, Hai Jin, Zhong Liu, Weiming Zhang, and Hui Liu. Theory and network applications of balanced Kautz tree structures. *ACM Transactions on Internet Technology (TOIT)*, 12(1):3:1–3:??, June 2012. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Geneves:2011:IXS

[GLQ11] Pierre Genevès, Nabil Layaïda, and Vincent Quint. Impact of XML schema evolution. *ACM Transactions on Internet Technology (TOIT)*, 11 (1):4:1–4:??, July 2011. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Gurevych:2017:ASM

[GLT17] Iryna Gurevych, Marco Lippi, and Paolo Torroni. Argumentation in social media. *ACM Transactions on Internet Technology (TOIT)*, 17(3): 23:1–23:??, July 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Gluhovsky:2010:FCT

[Glu10] Ilya Gluhovsky. Forecasting click-through rates based on sponsored search advertiser bids and intermediate variable regression. *ACM Transactions on Internet Technology (TOIT)*, 10(3):11:1–11:??, October 2010. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Guo:2017:IAC

[GLWH17] Yonghong Guo, Lu Liu, Yan Wu, and James Hardy. Interest-aware content discovery in peer-to-peer social networks. *ACM Transactions on Internet Technology (TOIT)*, 18(3): 39:1–39:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Gburzynski:2004:FSW

[GM04] Pawel Gburzynski and Jacek Maitan. Fighting the spam wars: a remailer approach with restrictive aliasing. *ACM Transactions on Internet Technology (TOIT)*, 4 (1):1–30, February 2004. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Groth:2009:MPD

[GMM09] Paul Groth, Simon Miles, and Luc Moreau. A model of process documentation to determine provenance in mashups. *ACM Transactions on Internet Technology (TOIT)*, 9(1):3:1–3:??, February 2009. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Goebel:2011:CIE

[GNK11] Christoph Goebel, Dirk Neumann, and Ramayya Krishnan. Comparing ingress and egress detection to secure interdomain routing: An experimental analysis. *ACM Transactions on Internet Technology (TOIT)*, 11(2):5:1–5:??, December 2011. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ghose:2019:GEI

[GNR19] Aditya Ghose, Hamid R. Motahari Nezhad, and Manfred Reichert. Guest Editors' introduction to the special issue on knowledge-driven business process management. *ACM Transactions on Internet Technology (TOIT)*, 19(1): 11:1–11:??, March 2019. CODEN ???? ISSN 1533-

5399 (print), 1557-6051 (electronic).

Gao:2020:RLS

[GNW+20] Weichao Gao, James Nguyen, Yalong Wu, William G. Hatcher, and Wei Yu. Routing in large-scale dynamic networks: a Bloom filter-based dual-layer scheme. *ACM Transactions on Internet Technology (TOIT)*, 20(4):38:1–38:24, November 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3407192`.

Gkatziaki:2018:EEU

[GPM+18] Vasiliki Gkatziaki, Symeon Papadopoulos, Richard Mills, Sotiris Diplaris, Ioannis Tsampoulatidis, and Ioannis Kompatsiaris. easIE: Easy-to-use information extraction for constructing CSR databases from the Web. *ACM Transactions on Internet Technology (TOIT)*, 18(4): 45:1–45:??, November 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Goasdoue:2004:AQU

[GR04] François Goasdoué and Marie-Christine Rousset. Answering queries using views: A KRDB perspective for the semantic Web. *ACM Transactions on Internet Technology (TOIT)*, 4(3):255–288, August 2004. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ghanem:2020:EAF

[GRR20] Bilal Ghanem, Paolo Rosso, and Francisco Rangel. An emotional analysis of false information in social media and news articles. *ACM Transactions on Internet Technology (TOIT)*, 20(2):19:1–19:18, May 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3381750`.

Gomes:2005:CNC

[GS05] Daniel Gomes and Mário J. Silva. Characterizing a national community Web. *ACM Transactions on Internet Technology (TOIT)*, 5(3):508–531, August 2005. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Gupta:2007:HKF

[GS07a] Amar Gupta and Satwik Seshasai. 24-hour knowledge factory: Using

Internet technology to leverage spatial and temporal separations. *ACM Transactions on Internet Technology (TOIT)*, 7(3): 14:1–14:??, August 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Gupta:2007:GEI

[GS07b] Amar Gupta and Satwiksai Seshasai. Guest editorial: The Internet and outsourcing. *ACM Transactions on Internet Technology (TOIT)*, 7(3): 13:1–13:??, August 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Guo:2017:PGE

[GS17] Tian Guo and Prashant Shenoy. Providing geo-elasticity in geographically distributed clouds. *ACM Transactions on Internet Technology (TOIT)*, 18(3): 38:1–38:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Guo:2014:CAC

[GSS+14] Tian Guo, Upendra Sharma, Prashant Shenoy, Timothy Wood, and Sambit Sahu. Cost-aware cloud bursting for enterprise applications. *ACM Transactions on Internet Technology (TOIT)*, 13 (3):10:1–10:??, May 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Gai:2023:BBA

[GSZ+23] Keke Gai, Yufeng She, Liehuang Zhu, Kim-Kwang Raymond Choo, and Zhiguo Wan. A blockchain-based access control scheme for zero trust cross-organizational data sharing. *ACM Transactions on Internet Technology (TOIT)*, 23(3):38:1–38:??, August 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3511899`.

Guo:2002:OSS

[Guo02] Xin Guo. An optimal strategy for sellers in an online auction. *ACM Transactions on Internet Technology (TOIT)*, 2 (1):1–13, February 2002. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Gioacchini:2023:DIE

[GVM+23] Luca Gioacchini, Luca Vassio, Marco Mellia, Idilio Drago, Zied Ben Houidi, and Dario Rossi. i-DarkVec: Incremental embeddings for Darknet

traffic analysis. *ACM Transactions on Internet Technology (TOIT)*, 23(3):45:1–45:??, August 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3595378`.

Guan:2021:ASS

[GWF+21] Zhitao Guan, Naiyu Wang, Xunfeng Fan, Xueyan Liu, Longfei Wu, and Shaohua Wan. Achieving secure search over encrypted data for e-commerce: a blockchain approach. *ACM Transactions on Internet Technology (TOIT)*, 21(1): 12:1–12:17, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3408309`.

Gan:2024:ESW

[GWXL24] Rundong Gan, Le Wang, Liang Xue, and Xiaodong Lin. Exposing stealthy wash trading on automated market maker exchanges. *ACM Transactions on Internet Technology (TOIT)*, 24(4):17:1–17:??, November 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3689631`.

Gong:2025:OWB

[GYL+25] Kaijie Gong, Ruiqi Yang, Haoyu Li, Yi Gao, and Wei Dong. Optimizing WebAssembly bytecode for IoT devices using deep reinforcement learning. *ACM Transactions on Internet Technology (TOIT)*, 25(2): 12:1–12:??, May 2025. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Gao:2021:RFI

[GZL+21] Guangwei Gao, Dong Zhu, Huimin Lu, Yi Yu, Heyou Chang, and Dong Yue. Robust facial image super-resolution by kernel locality-constrained coupled-layer regression. *ACM Transactions on Internet Technology (TOIT)*, 21(3):67:1–67:15, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3418462`.

Hsu:2022:ISS

[HAD22] Ching-Hsien Hsu, Amir H. Alavi, and Mianxiong Dong. Introduction to the special section on cyber security in Internet of Vehicles. *ACM Transactions on Internet Technology (TOIT)*,

22(4):81:1–81:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3584746`.

Hoseiny:2021:JQA

[HAST21] Farooq Hoseiny, Sadoon Azizi, Mohammad Shojafar, and Rahim Tafazolli. Joint QoS-aware and cost-efficient task scheduling for fog-cloud resources in a volunteer computing system. *ACM Transactions on Internet Technology (TOIT)*, 21 (4):86:1–86:21, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3418501`.

Huck:2002:SCS

[HBGF02] Paul Huck, Michael Butler, Amar Gupta, and Michael Feng. A self-configuring and self-administering name system with dynamic address assignment. *ACM Transactions on Internet Technology (TOIT)*, 2 (1):14–46, February 2002. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Hasan:2014:ASM

[HC14] Souleiman Hasan and Edward Curry. Approximate semantic matching of events for the Internet of Things. *ACM Transactions on Internet Technology (TOIT)*, 14 (1):2:1–2:??, July 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Hernandez-Castro:2023:BCU

[HCBRM23] Carlos Hernández-Castro, David F. Barrero, and Maria Dolores R-Moreno. Breaking CaptchaStar using the BASECASS methodology. *ACM Transactions on Internet Technology (TOIT)*, 23(1):5:1–5:??, February 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3546867`.

Hao:2021:AMT

[HCW+21] Shijie Hao, Tao Chen, Yang Wang, Yanrong Guo, Meng Wang, and For the Alzheimer's Disease Neuroimaging Initiative. Adaptive multi-task dual-structured learning with its application on Alzheimer's disease study. *ACM Transactions on Internet Technology (TOIT)*, 21(2): 47:1–47:16, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051

(electronic). URL `https://dl.acm.org/doi/10.1145/3398728`.

Huang:2007:DDA

[HGW07] Yun Huang, Xianjun Geng, and Andrew B. Whinston. Defeating DDoS attacks by fixing the incentive chain. *ACM Transactions on Internet Technology (TOIT)*, 7(1): 5:1–5:??, February 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Hourany:2021:PNS

[HHF+21] Edy Hourany, Bachir Habib, Camille Fountaine, Abdallah Makhoul, Benoit Piranda, and Julien Bourgeois. PROLISEAN: a new security protocol for programmable matter. *ACM Transactions on Internet Technology (TOIT)*, 21(1):22:1–22:29, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3432250`.

Hossain:2022:EFS

[HHS+22] Md Arafat Hossain, Jun Han, Jean-Guy Schneider, Jiaojiao Jiang, Muhammad Ashad Kabir, and Steve Versteeg. Extracting formats of service messages with varying payloads. *ACM Transactions on Internet Technology (TOIT)*, 22(3):71:1–71:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3503159`.

He:2003:SAA

[HJ03] Minghua He and Nicholas R. Jennings. SouthamptonTAC: an adaptive autonomous trading agent. *ACM Transactions on Internet Technology (TOIT)*, 3(3):218–235, August 2003. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Herzberg:2008:SII

[HJ08] Amir Herzberg and Ahmad Jbara. Security and identification indicators for browsers against spoofing and phishing attacks. *ACM Transactions on Internet Technology (TOIT)*, 8(4):16:1–16:??, September 2008. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

He:2006:HBS

[HJPB06] Minghua He, Nicholas R. Jennings, and Adam Prügel-Bennett. A heuristic bidding strat-

egy for buying multiple goods in multiple English auctions. *ACM Transactions on Internet Technology (TOIT)*, 6(4):465–496, November 2006. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Huang:2020:PRR

[HJWW20] Chunli Huang, Wenjun Jiang, Jie Wu, and Guojun Wang. Personalized review recommendation based on users' aspect sentiment. *ACM Transactions on Internet Technology (TOIT)*, 20(4):42:1–42:26, November 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3414841`.

Hoefer:2014:AAS

[HKV14] Martin Hoefer, Thomas Kesselheim, and Berthold Vöcking. Approximation algorithms for secondary spectrum auctions. *ACM Transactions on Internet Technology (TOIT)*, 14(2–3):16:1–16:??, October 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Huang:2021:DAM

[HLG+21] Feiran Huang, Chaozhuo Li, Boyu Gao, Yun Liu, Sattam Alotaibi, and Hao Chen. Deep attentive multimodal network representation learning for social media images. *ACM Transactions on Internet Technology (TOIT)*, 21(3): 69:1–69:17, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3417295`.

Hu:2021:DDR

[HLLS21] Kaixi Hu, Lin Li, Jianquan Liu, and Daniel Sun. DuroNet: a dual-robust enhanced spatial-temporal learning network for urban crime prediction. *ACM Transactions on Internet Technology (TOIT)*, 21(1):24:1–24:24, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3432249`.

Hu:2021:MBT

[HML+21] He-Xuan Hu, Wen-Jie Mao, Zhen-Zhou Lin, Qiang Hu, and Ye Zhang. Multimodal brain tumor segmentation based on an intelligent UNET–LSTM algorithm in smart hospitals. *ACM Transactions on Internet Technology (TOIT)*, 21(3):

74:1–74:14, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3450519`.

Huang:2021:DSD

[HMLH21] Liwei Huang, Yutao Ma, Yanbo Liu, and Keqing He. DAN-SNR: a deep attentive network for social-aware next point-of-interest recommendation. *ACM Transactions on Internet Technology (TOIT)*, 21(1):2:1–2:27, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3430504`.

Harumoto:2005:EWB

[HNF+05] Kaname Harumoto, Tadashi Nakano, Shinya Fukumura, Shinji Shimojo, and Shojiro Nishio. Effective Web browsing through content delivery adaptation. *ACM Transactions on Internet Technology (TOIT)*, 5(4):571–600, November 2005. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Hirsch:2023:TBE

[HNGN23] Sharon Hirsch, Slava Novgorodov, Ido Guy, and Alexander Nus. The tip of the buyer: Extracting product tips from reviews. *ACM Transactions on Internet Technology (TOIT)*, 23(1):4:1–4:??, February 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3547140`.

Hochheiser:2002:PPP

[Hoc02] Harry Hochheiser. The platform for privacy preference as a social protocol: an examination within the U.S. policy context. *ACM Transactions on Internet Technology (TOIT)*, 2(4):276–306, November 2002. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Hosoya:2003:XST

[HP03] Haruo Hosoya and Benjamin C. Pierce. XDuce: a statically typed XML processing language. *ACM Transactions on Internet Technology (TOIT)*, 3(2):117–148, May 2003. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Hafizoglu:2019:UIP

[HS19] Feyza Merve Hafizoglu and Sandip Sen. Understanding the influences of past experi-

ence on trust in human-agent teamwork. *ACM Transactions on Internet Technology (TOIT)*, 19(4):45:1–45:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3324300`.

Hu:2017:MDS

[HSLH17] Yan Hu, Weisong Shi, Hong Li, and Xiaohui Hu. Mitigating data sparsity using similarity reinforcement-enhanced collaborative filtering. *ACM Transactions on Internet Technology (TOIT)*, 17(3): 31:1–31:??, July 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Hao:2023:RSM

[HSRK23] Jianwei Hao, Piyush Subedi, Lakshmish Ramaswamy, and In Kee Kim. Reaching for the sky: Maximizing deep learning inference throughput on edge devices with AI multi-tenancy. *ACM Transactions on Internet Technology (TOIT)*, 23(1): 2:1–2:??, February 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3546192`.

Hui:2006:OID

[HTG06] Kai-Lung Hui, Bernard C. Y. Tan, and Chyan-Yee Goh. Online information disclosure: Motivators and measurements. *ACM Transactions on Internet Technology (TOIT)*, 6(4):415–441, November 2006. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Hossain:2022:SSE

[HXB+22] M. Shamim Hossain, Changsheng Xu, Josu Bilbao, Md. Abdur Rahman, Abdulmotaleb El Saddik, and Mohamed Bin Zayed. Special section on edge-AI for connected living. *ACM Transactions on Internet Technology (TOIT)*, 22(3):55:1–55:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3514196`.

Hu:2020:SSS

[HXZ+20] Zhengdi Hu, Guangquan Xu, Xi Zheng, Jiang Liu, Zhangbing Li, Quan Z. Sheng, Wenjuan Lian, and Hequn Xian. SSL-SVD: Semi-supervised

learning-based sparse trust recommendation. *ACM Transactions on Internet Technology (TOIT)*, 20(1):4:1–4:20, March 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3369390`.

Hurley:2011:NDT

[HZ11] Neil Hurley and Mi Zhang. Novelty and diversity in top-N recommendation — analysis and evaluation. *ACM Transactions on Internet Technology (TOIT)*, 10(4): 14:1–14:??, March 2011. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Huang:2019:IEF

[HZB19] Teng-Chieh Huang, Razieh Nokhbeh Zaeem, and K. Suzanne Barber. It is an equal failing to trust everybody and to trust nobody: Stock price prediction using trust filters and enhanced user sentiment on Twitter. *ACM Transactions on Internet Technology (TOIT)*, 19(4):48:1–48:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3338855`.

Huang:2010:PNA

[HZCS10] Tzu-Chi Huang, Sherali Zeadally, Naveen Chilamkurti, and Ce-Kuen Shieh. A programmable network address translator: Design, implementation, and performance. *ACM Transactions on Internet Technology (TOIT)*, 10(1): 3:1–3:??, February 2010. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

He:2012:SWS

[HZHC12] Jing He, Yanchun Zhang, Guangyan Huang, and Jinli Cao. A smart Web service based on the context of things. *ACM Transactions on Internet Technology (TOIT)*, 11 (3):13:1–13:??, January 2012. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ignat:2019:ITS

[IDS19] Claudia-Lavinia Ignat, Quang-Vinh Dang, and Valerie L. Shalin. The influence of trust score on cooperative behavior. *ACM Transactions on Internet Technology (TOIT)*, 19(4): 46:1–46:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

URL `https://dl.acm.org/ft_gateway.cfm?id=3329250`.

Iwendi:2021:SSI

[IRJ+21] Celestine Iwendi, Saif Ur Rehman, Abdul Rehman Javed, Suleman Khan, and Gautam Srivastava. Sustainable security for the Internet of Things using artificial intelligence architectures. *ACM Transactions on Internet Technology (TOIT)*, 21(3): 73:1–73:22, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3448614`.

Ivkic:2022:SCM

[ISG+22] Igor Ivkić, Patrizia Sailer, Antonios Gouglidis, Andreas Mauthe, and Markus Tauber. A security cost modelling framework for cyber-physical systems. *ACM Transactions on Internet Technology (TOIT)*, 22(2): 53:1–53:31, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3450752`.

Jonsson:2006:POS

[JAT+06] Björn Thør Jónsson, María Arinbjarnar, Bjarnsteinn Thórsson, Michael J. Franklin, and Divesh Srivastava. Performance and overhead of semantic cache management. *ACM Transactions on Internet Technology (TOIT)*, 6(3): 302–331, August 2006. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Jiang:2018:FCC

[JCH+18] He Jiang, Xin Chen, Tieke He, Zhenyu Chen, and Xiaochen Li. Fuzzy clustering of crowdsourced test reports for apps. *ACM Transactions on Internet Technology (TOIT)*, 18(2): 18:1–18:??, March 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Jin:2021:FSL

[JDZ+21] Xin Jin, Yuwei Duan, Ying Zhang, Yating Huang, Mengdong Li, Ming Mao, Amit Kumar Singh, and Yujie Li. Fast search of lightweight block cipher primitives via swarm-like metaheuristics for cyber security. *ACM Transactions on Internet Technology (TOIT)*, 21(4): 93:1–93:15, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https:`

//dl.acm.org/doi/10.1145/3417296.

Jordan:2010:FCT

[JG10] Scott Jordan and Arijit Ghosh. A framework for classification of traffic management practices as reasonable or unreasonable. *ACM Transactions on Internet Technology (TOIT)*, 10 (3):12:1–12:??, October 2010. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Jiang:2022:FTC

[JGH+22] Yizhang Jiang, Xiaoqing Gu, Lei Hua, Kang Li, Yuwen Tao, and Bo Li. Forecasting trend of coronavirus disease 2019 using multi-task weighted TSK fuzzy system. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 64:1–64:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3475870.

Jiang:2022:SDM

[JHC+22] Nan Jiang, Debin Huang, Jing Chen, Jie Wen, Heng Zhang, and Honglong Chen. Semi-direct monocular visual-inertial odometry using point and line features for IoV. *ACM Transactions on Internet Technology (TOIT)*, 22(1):5:1–5:23, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3432248.

Ji:2002:ABM

[Ji02] Minwen Ji. Affinity-based management of main memory database clusters. *ACM Transactions on Internet Technology (TOIT)*, 2(4):307–339, November 2002. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Jeong:2021:MPP

[JKI+21] Junho Jeong, Donghyo Kim, Sun-Young Ihm, Yangsun Lee, and Yunsik Son. Multilateral personal portfolio authentication system based on hyperledger fabric. *ACM Transactions on Internet Technology (TOIT)*, 21(1):14:1–14:17, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3423554.

Jacob:2007:ICF

[JKR07] Varghese S. Jacob, Ramayya Krishnan, and

Young U. Ryu. Internet content filtering using isotonic separation on content category ratings. *ACM Transactions on Internet Technology (TOIT)*, 7(1):1:1–1:??, February 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Jha:2010:SIL

[JKS+10] Somesh Jha, Stefan Katzenbeisser, Christian Schallhart, Helmut Veith, and Stephen Chenney. Semantic integrity in large-scale online simulations. *ACM Transactions on Internet Technology (TOIT)*, 10(1):2:1–2:??, February 2010. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Jiang:2020:EAS

[JLC20] Xingbin Jiang, Michele Lora, and Sudipta Chattopadhyay. An experimental analysis of security vulnerabilities in industrial IoT devices. *ACM Transactions on Internet Technology (TOIT)*, 20(2): 16:1–16:24, May 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3379542`.

Jansen:2006:AGW

[JMSP06] Bernard J. Jansen, Tracy Mullen, Amanda Spink, and Jan Pedersen. Automated gathering of Web information: an in-depth examination of agents interacting with search engines. *ACM Transactions on Internet Technology (TOIT)*, 6(4):442–464, November 2006. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Jin:2008:QAS

[JN08] Jingwen Jin and Klara Nahrstedt. QoS-aware service management for component-based distributed applications. *ACM Transactions on Internet Technology (TOIT)*, 8(3):14:1–14:??, May 2008. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Jordan:2009:IIA

[Jor09] Scott Jordan. Implications of Internet architecture on net neutrality. *ACM Transactions on Internet Technology (TOIT)*, 9(2):5:1–5:??, May 2009. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Jang:2022:CCA

[JPCL22] Si Young Jang, Sung Kyu Park, Jin Hee Cho, and Dongman Lee. CARES: Context-aware trust estimation for realtime crowdsensing services in vehicular edge networks. *ACM Transactions on Internet Technology (TOIT)*, 22(4): 92:1–92:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3514243`.

Jajodia:2017:SSH

[JPSS17] Sushil Jajodia, Noseong Park, Edoardo Serra, and V. S. Subrahmanian. SHARE: a Stackelberg honey-based adversarial reasoning engine. *ACM Transactions on Internet Technology (TOIT)*, 18 (3):30:1–30:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Jordan:2013:UIR

[JS13] Scott Jordan and Gwen Shaffer. User and ISP rights of device attachment and device management. *ACM Transactions on Internet Technology (TOIT)*, 13(2):6:1–6:??, December 2013. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Jasim:2024:LLM

[JS24] Mohammed Jasim and Nazli Siasi. Local load migration in high-capacity fog computing. *ACM Transactions on Internet Technology (TOIT)*, 24(4):16:1–16:??, November 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3690386`.

Junaid:2022:ASV

[JSAA22] Muhammad Junaid, Adnan Sohail, Fadi Al Turjman, and Rashid Ali. Agile support vector machine for energy-efficient resource allocation in IoT-oriented cloud using PSO. *ACM Transactions on Internet Technology (TOIT)*, 22(1):6:1–6:35, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3433541`.

Jiang:2015:SRT

[JWW15] Wenjun Jiang, Jie Wu, and Guojun Wang. On selecting recommenders for trust evaluation in online social networks. *ACM Transactions on*

Internet Technology (TOIT), 15(4):14:1–14:??, December 2015. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Jiang:2019:CNB

[JYW+19] Zexun Jiang, Hao Yin, Yulei Wu, Yongqiang Lyu, Geyong Min, and Xu Zhang. Constructing novel block layouts for webpage analysis. *ACM Transactions on Internet Technology (TOIT)*, 19(3):35:1–35:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3326457`.

Kolomvatsos:2020:IEC

[KA20] Kostas Kolomvatsos and Christos Anagnostopoulos. An intelligent edge-centric queries allocation scheme based on ensemble models. *ACM Transactions on Internet Technology (TOIT)*, 20(4):45:1–45:25, November 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3417297`.

Kavurmacioglu:2014:DIP

[KAS14] Emir Kavurmacioglu, Murat Alanyali, and David Starobinski. Demand-invariant price relationships and market outcomes in competitive private commons. *ACM Transactions on Internet Technology (TOIT)*, 14(2–3):15:1–15:??, October 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Kourtellis:2015:SIF

[KBBI15] Nicolas Kourtellis, Jeremy Blackburn, Cristian Borcea, and Adriana Iamnitchi. Special issue on foundations of social computing: Enabling social applications via decentralized social data management. *ACM Transactions on Internet Technology (TOIT)*, 15(1):1:1–1:??, February 2015. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Kayal:2018:ARN

[KBNV18] Alex Kayal, Willem-Paul Brinkman, Mark A. Neerincx, and M. Birna Van Riemsdijk. Automatic resolution of normative conflicts in supportive technology based on user values. *ACM Transactions on Internet Technology (TOIT)*, 18 (4):41:1–41:??, November 2018. CODEN ???? ISSN

1533-5399 (print), 1557-6051 (electronic).

Kafali:2017:GEI

[KCR+17] Özgür Kafali, Natalia Criado, Martin Rehak, Jose M. Such, and Pinar Yolum. Guest Editors' introduction. *ACM Transactions on Internet Technology (TOIT)*, 18(3): 26:1–26:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Karame:2014:MMW

[KFB+14] Ghassan O. Karame, Aurélien Francillon, Victor Budilivschi, Srdjan Capkun, and Vedran Capkun. Microcomputations as micropayments in Web-based services. *ACM Transactions on Internet Technology (TOIT)*, 13(3):8:1–8:??, May 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Kuter:2010:UPC

[KG10] Ugur Kuter and Jennifer Golbeck. Using probabilistic confidence models for trust inference in Web-based social networks. *ACM Transactions on Internet Technology (TOIT)*, 10(2): 8:1–8:??, May 2010. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Kumar:2022:IIF

[KGAR22] Rahul Kumar, Ankur Gupta, Harkirat Singh Arora, and Balasubramanian Raman. IBRDM: an intelligent framework for brain tumor classification using radiomics- and DWT-based fusion of MRI sequences. *ACM Transactions on Internet Technology (TOIT)*, 22(1):9:1–9:30, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3434775`.

Kaur:2021:ESD

[KGKK21] Kuljeet Kaur, Sahil Garg, Georges Kaddoum, and Neeraj Kumar. Energy and SLA-driven MapReduce job scheduling framework for cloud-based cyber-physical systems. *ACM Transactions on Internet Technology (TOIT)*, 21(2): 31:1–31:24, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3409772`.

Konstantinidis:2019:IDP

[KIG+19] Andreas Konstantinidis, Panagiotis Irak-

leous, Zacharias Georgiou, Demetrios Zeinalipour-Yazti, and Panos K. Chrysanthis. IoT data prefetching in indoor navigation SOAs. *ACM Transactions on Internet Technology (TOIT)*, 19(1):10:1–10:??, March 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Kim:2021:IMB

[KK21] Junho Kim and Mucheol Kim. Intelligent mediator-based enhanced smart contract for privacy protection. *ACM Transactions on Internet Technology (TOIT)*, 21(1): 8:1–8:16, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3404892`.

Kim:2021:DIB

[KKK21] Tae-Yeun Kim, Sung-Hwan Kim, and Hoon Ko. Design and implementation of BCI-based intelligent upper limb rehabilitation robot system. *ACM Transactions on Internet Technology (TOIT)*, 21(3): 60:1–60:17, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3392115`.

Ko:2016:STU

[KKMK16] In-Young Ko, Han-Gyu Ko, Angel Jimenez Molina, and Jung-Hyun Kwon. SoIoT: Toward a user-centric IoT-based service framework. *ACM Transactions on Internet Technology (TOIT)*, 16(2): 8:1–8:??, April 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Kekulluoglu:2018:PPS

[KKY18] Dilara Kekulluoglu, Nadin Kokciyan, and Pinar Yolum. Preserving privacy as social responsibility in online social networks. *ACM Transactions on Internet Technology (TOIT)*, 18(4): 42:1–42:??, November 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Knutsson:2003:APS

[KLMH03] Björn Knutsson, Honghui Lu, Jeffrey Mogul, and Bryan Hopkins. Architecture and performance of server-directed transcoding. *ACM Transactions on Internet Technology (TOIT)*, 3(4):392–424, November 2003. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Kim:2017:MDS

[KLS+17] Taehun Kim, Junsung Lim, Heesuk Son, Byoungheon Shin, Dongman Lee, and Soon J. Hyun. A multi-dimensional smart community discovery scheme for IoT-enriched smart homes. *ACM Transactions on Internet Technology (TOIT)*, 18(1):3:1–3:??, December 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Kampik:2022:GAA

[KMB+22] Timotheus Kampik, Adnane Mansour, Olivier Boissier, Sabrina Kirrane, Julian Padget, Terry R. Payne, Munindar P. Singh, Valentina Tamma, and Antoine Zimmermann. Governance of autonomous agents on the Web: Challenges and opportunities. *ACM Transactions on Internet Technology (TOIT)*, 22(4):104:1–104:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3507910`.

Kenny:2009:CES

[KMW09] Alan Kenny, Séamus Mcloone, and Tomás Ward. Controlling entity state updates to maintain remote consistency within a distributed interactive application. *ACM Transactions on Internet Technology (TOIT)*, 9(4):15:1–15:??, September 2009. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Kristol:2001:HCS

[Kri01] David M. Kristol. HTTP Cookies: Standards, privacy, and politics. *ACM Transactions on Internet Technology (TOIT)*, 1(2):151–198, November 2001. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Kwon:2009:FXD

[KRML09] Joonho Kwon, Praveen Rao, Bongki Moon, and Sukho Lee. Fast XML document filtering by sequencing twig patterns. *ACM Transactions on Internet Technology (TOIT)*, 9(4):13:1–13:??, September 2009. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Kumar:2006:CAC

[KRRT06] Ravi Kumar, Prabhakar Raghavan, Sridhar Rajagopalan, and Andrew Tomkins. Core algorithms in the CLEVER system. *ACM Transac-*

tions on Internet Technology (TOIT), 6(2):131–152, May 2006. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Kobsa:2003:PTP

[KS03] Alfred Kobsa and Jörg Schreck. Privacy through pseudonymity in user-adaptive systems. *ACM Transactions on Internet Technology (TOIT)*, 3(2): 149–183, May 2003. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Keromytis:2007:RSA

[KS07] Angelos D. Keromytis and Jonathan M. Smith. Requirements for scalable access control and security management architectures. *ACM Transactions on Internet Technology (TOIT)*, 7(2):8:1–8:??, May 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Kumaraguru:2010:TJF

[KSA+10] Ponnurangam Kumaraguru, Steve Sheng, Alessandro Acquisti, Lorrie Faith Cranor, and Jason Hong. Teaching Johnny not to fall for phish. *ACM Transactions on Internet Technology (TOIT)*, 10 (2):7:1–7:??, May 2010. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Krol:2021:PPU

[KSAB+21] Michał Król, Alberto Sonnino, Mustafa Al-Bassam, Argyrios G. Tasiopoulos, Etienne Rivière, and Ioannis Psaras. Proof-of-prestige: a useful work reward system for unverifiable tasks. *ACM Transactions on Internet Technology (TOIT)*, 21(2): 44:1–44:27, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3419483`.

Kumar:2021:NCA

[KSL+21] Abhinav Kumar, Sanjay Kumar Singh, K. Lakshmanan, Sonal Saxena, and Sameer Shrivastava. A novel cloud-assisted secure deep feature classification framework for cancer histopathology images. *ACM Transactions on Internet Technology (TOIT)*, 21(2): 52:1–52:22, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3424221`.

Kokciyan:2017:AAR

[KYY17] Nadin Kökciyan, Ne-

fise Yaglikci, and Pinar Yolum. An argumentation approach for resolving privacy disputes in online social networks. *ACM Transactions on Internet Technology (TOIT)*, 17(3): 27:1–27:??, July 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Kuang:2021:ITS

[KZLG21] Li Kuang, Jianbo Zheng, Kemu Li, and Honghao Gao. Intelligent traffic signal control based on reinforcement learning with state reduction for smart cities. *ACM Transactions on Internet Technology (TOIT)*, 21(4): 102:1–102:24, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3418682`.

Lin:2025:DIF

[LABS25] Jiamin Lin, Balsam Alkouz, Athman Bouguettaya, and Amani Abu Safia. Dynamic and immersive framework for drone delivery services in skyway networks. *ACM Transactions on Internet Technology (TOIT)*, 25(1):7:1–7:??, February 2025. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Lyback:2004:ATS

[LB04] David Lybäck and Magnus Boman. Agent trade servers in financial exchange systems. *ACM Transactions on Internet Technology (TOIT)*, 4(3): 329–339, August 2004. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Li:2024:MMC

[LBC+24] Wen Li, Lingfeng Bao, Jiachi Chen, John Grundy, Xin Xia, and Xiaohu Yang. Market manipulation of cryptocurrencies: Evidence from social media and transaction data. *ACM Transactions on Internet Technology (TOIT)*, 24(2): 8:1–8:??, May 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3643812`.

Liu:2012:EMM

[LC12] Ziyang Liu and Yi Chen. Exploiting and maintaining materialized views for XML keyword queries. *ACM Transactions on Internet Technology (TOIT)*, 12(2):6:1–6:??, December 2012. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Leitner:2016:PCS

[LC16] Philipp Leitner and Jürgen Cito. Patterns in the chaos — a study of performance variation and predictability in public IaaS clouds. *ACM Transactions on Internet Technology (TOIT)*, 16(3):15:1–15:??, August 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Li:2005:CSM

[LCKN05] Mingzhe Li, Mark Claypool, Robert Kinicki, and James Nichols. Characteristics of streaming media stored on the Web. *ACM Transactions on Internet Technology (TOIT)*, 5(4):601–626, November 2005. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Lv:2021:BDP

[LCS21] Zhihan Lv, Dongliang Chen, and Amit Kumar Singh. Big data processing on volunteer computing. *ACM Transactions on Internet Technology (TOIT)*, 21(4):83:1–83:20, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3409801`.

Li:2023:HCV

[LDG+23] Zhenyu Li, Yong Ding, Honghao Gao, Bo Qu, Yujue Wang, and Jun Li. A highly compatible verification framework with minimal upgrades to secure an existing edge network. *ACM Transactions on Internet Technology (TOIT)*, 23(3):41:1–41:??, August 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3511901`.

Lopez:2017:BMC

[LFL17] Claudia López, Rosta Farzan, and Yu-Ru Lin. Behind the myths of citizen participation: Identifying sustainability factors of hyper-local information systems. *ACM Transactions on Internet Technology (TOIT)*, 18(1):11:1–11:??, December 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Loukides:2020:OAI

[LGC20] Grigorios Loukides, Robert Gwadera, and Shing-Wan Chang. Overexposure-aware influence maximization. *ACM Transactions on Internet Technology (TOIT)*, 20(4):39:1–39:31, November 2020. CODEN ???? ISSN

1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3408315`.

Loukil:2021:DPB

[LGGB+21] Faiza Loukil, Chirine Ghedira-Guegan, Khouloud Boukadi, Aïcha-Nabila Benharkat, and Elhadj Benkhelifa. Data privacy based on IoT device behavior control using blockchain. *ACM Transactions on Internet Technology (TOIT)*, 21(1):23:1–23:20, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3434776`.

Luckner:2020:IAU

[LGKL20] Marcin Luckner, Maciej Grzenda, Robert Kunicki, and Jaroslaw Legierski. IoT architecture for urban data-centric services and applications. *ACM Transactions on Internet Technology (TOIT)*, 20(3):29:1–29:30, October 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3396850`.

Le:2022:SIR

[LHAT22] Tu Le, Danny Yuxing Huang, Noah Apthorpe, and Yuan Tian. SkillBot: Identifying risky content for children in Alexa skills. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 79:1–79:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3539609`.

Lin:2022:EEC

[LHL+22] Weiwei Lin, Tiansheng Huang, Xin Li, Fang Shi, Xiumin Wang, and Ching-Hsien Hsu. Energy-efficient computation offloading for UAV-assisted MEC: a two-stage optimization scheme. *ACM Transactions on Internet Technology (TOIT)*, 22(1):4:1–4:23, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3430503`.

Lin:2006:ISP

[LHTL06] Jeng-Wei Lin, Jan-Ming Ho, Li-Ming Tseng, and Feipei Lai. IDN server proxy architecture for Internationalized Domain Name resolution and experiences with providing Web services. *ACM Transactions on Internet Technology (TOIT)*, 6

(1):1–19, February 2006. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Lin:2021:BBD

[LHZ+21] Chao Lin, Debiao He, Sherali Zeadally, Xinyi Huang, and Zhe Liu. Blockchain-based data sharing system for sensing-as-a-service in smart cities. *ACM Transactions on Internet Technology (TOIT)*, 21(2): 40:1–40:21, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3397202`.

Liu:2012:FPC

[Liu12] Alex X. Liu. Firewall policy change-impact analysis. *ACM Transactions on Internet Technology (TOIT)*, 11(4): 15:1–15:??, March 2012. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Liu:2020:ITO

[Liu20] Ling Liu. Internet technology outlook: From communication to storage and cognitive computing. *ACM Transactions on Internet Technology (TOIT)*, 20(1): 1:1–1:4, March 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3378661`.

Laszka:2018:ASR

[LJG18] Aron Laszka, Benjamin Johnson, and Jens Grossklags. On the assessment of systematic risk in networked systems. *ACM Transactions on Internet Technology (TOIT)*, 18 (4):48:1–48:??, November 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Leung:2016:CMS

[LJLN16] Kenneth Wai-Ting Leung, Di Jiang, Dik Lun Lee, and Wilfred Ng. Constructing maintainable semantic relation network from ambiguous concepts in Web content. *ACM Transactions on Internet Technology (TOIT)*, 16(1):6:1–6:??, February 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Laszka:2014:STC

[LJS+14] Aron Laszka, Benjamin Johnson, Pascal Schöttle, Jens Grossklags, and Rainer Böhme. Secure team composition to thwart insider threats and cyber-espionage. *ACM Transactions on Internet*

Technology (TOIT), 14 (2–3):19:1–19:??, October 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Lin:2023:VMI

[LLC+23] Yi-Bing Lin, Yuan-Fu Liao, Sin-Horng Chen, Shaw-Hwa Hwang, and Yih-Ru Wang. VoiceTalk: Multimedia-IoT applications for mixing Mandarin, Taiwanese, and English. *ACM Transactions on Internet Technology (TOIT)*, 23(2): 28:1–28:??, May 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3543854`.

Liang:2022:PPP

[LLG22] Yangfan Liang, Yining Liu, and Brij B. Gupta. PPRP: Preserving-privacy route planning scheme in VANETs. *ACM Transactions on Internet Technology (TOIT)*, 22(4):85:1–85:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3430507`.

Lv:2025:ABD

[LLH+25] Jiamei Lv, Yuxiang Lin, Mingxin Hou, Yeming Li, Yi Gao, and Wei Dong. Accurate bandwidth and delay prediction for 5G cellular networks. *ACM Transactions on Internet Technology (TOIT)*, 25 (2):8:1–8:??, May 2025. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Lv:2022:ECS

[LLL22] Zhihan Lv, Ranran Lou, and Haibin Lv. Edge computing to solve security issues for infectious disease intelligence prevention. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 63:1–63:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3475869`.

Leung:2012:FPW

[LLNF12] Kenneth Wai-Ting Leung, Dik Lun Lee, Wilfred Ng, and Hing Yuet Fung. A framework for personalizing web search with concept-based user profiles. *ACM Transactions on Internet Technology (TOIT)*, 11(4): 17:1–17:??, March 2012. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Li:2008:TSD

[LLSL08] Qing Li, Rynson W. H. Lau, Timothy K. Shih, and Frederick W. B. Li. Technology supports for distributed and collaborative learning over the Internet. *ACM Transactions on Internet Technology (TOIT)*, 8(2):5:1–5:??, February 2008. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Li:2008:ISI

[LLSM08] Qing Li, Rynson W. H. Lau, Timothy Shih, and Dennis McLeod. Introduction to special issue Internet technologies for distance education. *ACM Transactions on Internet Technology (TOIT)*, 8(2): 1:1–1:??, February 2008. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Lv:2022:TLP

[LLSW22] Zhihan Lv, Ranran Lou, Amit Kumar Singh, and Qingjun Wang. Transfer learning-powered resource optimization for green computing in 5G-aided industrial Internet of Things. *ACM Transactions on Internet Technology (TOIT)*, 22(2): 38:1–38:16, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3434774`.

Lempel:2004:ORP

[LM04] Ronny Lempel and Shlomo Moran. Optimizing result prefetching in Web search engines with segmented indices. *ACM Transactions on Internet Technology (TOIT)*, 4(1):31–59, February 2004. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Li:2021:DSA

[LMS+21] Qianmu Li, Shunmei Meng, Xiaonan Sang, Hanrui Zhang, Shoujin Wang, Ali Kashif Bashir, Keping Yu, and Usman Tariq. Dynamic scheduling algorithm in cyber mimic defense architecture of volunteer computing. *ACM Transactions on Internet Technology (TOIT)*, 21(3): 75:1–75:33, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3408291`.

LaMorgia:2023:DWS

[LMSS23] Massimo La Morgia, Alessandro Mei, Francesco Sassi, and Julinda Stefa. The doge of Wall Street: Analysis and detection of

pump and dump cryptocurrency manipulations. *ACM Transactions on Internet Technology (TOIT)*, 23(1):11:1–11:??, February 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3561300`.

Lukasiewicz:2014:OBQ

[LMSTM14] Thomas Lukasiewicz, Maria Vanina Martinez, Gerardo I. Simari, and Oana Tifrea-Marciuska. Ontology-based query answering with group preferences. *ACM Transactions on Internet Technology (TOIT)*, 14(4):25:1–25:??, December 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Li:2013:CBA

[LMZ13] Xitong Li, Stuart E. Madnick, and Hongwei Zhu. A context-based approach to reconciling data interpretation conflicts in Web services composition. *ACM Transactions on Internet Technology (TOIT)*, 13(1):1:1–1:??, November 2013. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Li:2023:BBZ

[LNTL23] Shancang Li, Surya Nepal, Theo Tryfonas, and Hongwei Li. Blockchain-based zero trust cybersecurity in the Internet of Things. *ACM Transactions on Internet Technology (TOIT)*, 23(3):36:1–36:??, August 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3594535`.

Li:2019:DRS

[LOD19] He Li, Kaoru Ota, and Mianxiong Dong. Deep reinforcement scheduling for mobile crowdsensing in fog computing. *ACM Transactions on Internet Technology (TOIT)*, 19(2):21:1–21:??, April 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3234463`.

Lv:2021:SMD

[LP21] Zhihan Lv and Francesco Piccialli. The security of medical data on Internet based on differential privacy technology. *ACM Transactions on Internet Technology (TOIT)*, 21(3):55:1–55:18, June 2021. CODEN ???? ISSN 1533-

5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3382769`.

Lawrence:2017:UAS

[LPB+17] John Lawrence, Joonsuk Park, Katarzyna Budzynska, Claire Cardie, Barbara Konat, and Chris Reed. Using argumentative structure to interpret debates in online deliberative democracy and eRulemaking. *ACM Transactions on Internet Technology (TOIT)*, 17 (3):25:1–25:??, July 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Longo:2019:GEI

[LPR19] Francesco Longo, Antonio Puliafito, and Omer Rana. Guest Editors' introduction to the special issue on fog, edge, and cloud integration for smart environments. *ACM Transactions on Internet Technology (TOIT)*, 19(2):17:1–17:??, April 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3319404`.

Li:2021:HFS

[LPX+21] Haolun Li, Chi-Man Pun, Feng Xu, Longsheng Pan, Rui Zong, Hao Gao, and Huimin Lu. A hybrid feature selection algorithm based on a discrete artificial bee colony for Parkinson's diagnosis. *ACM Transactions on Internet Technology (TOIT)*, 21(3): 63:1–63:22, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3397161`.

Lv:2021:AEIa

[LQSW21] Zhihan Lv, Liang Qiao, Amit Kumar Singh, and Qingjun Wang. AI-empowered IoT security for smart cities. *ACM Transactions on Internet Technology (TOIT)*, 21 (4):99:1–99:21, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3406115`.

Lv:2021:AEIb

[LQVK21] Zhihan Lv, Liang Qiao, Sahil Verma, and Kavita. AI-enabled IoT-edge data analytics for connected living. *ACM Transactions on Internet Technology (TOIT)*, 21(4): 104:1–104:20, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https:`

//dl.acm.org/doi/10.1145/3421510.

Lv:2021:CRN

[LQW21] Zhihan Lv, Liang Qiao, and Qingjun Wang. Cognitive robotics on 5G networks. *ACM Transactions on Internet Technology (TOIT)*, 21(4): 92:1–92:18, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3414842.

Lv:2021:BDA

[LS21] Zhihan Lv and Amit Kumar Singh. Big data analysis of Internet of Things system. *ACM Transactions on Internet Technology (TOIT)*, 21(2): 28:1–28:15, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3389250.

Li:2005:OMC

[LSCZ05] Keqiu Li, Hong Shen, Francis Y. L. Chin, and Si Qing Zheng. Optimal methods for coordinated enroute Web caching for tree networks. *ACM Transactions on Internet Technology (TOIT)*, 5(3): 480–507, August 2005. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Lawrence:2017:DTD

[LSK+17a] John Lawrence, Mark Snaith, Barbara Konat, Katarzyna Budzynska, and Chris Reed. Debating technology for dialogical argument: Sensemaking, engagement, and analytics. *ACM Transactions on Internet Technology (TOIT)*, 17(3): 24:1–24:??, July 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Liu:2017:SLD

[LSK+17b] Xumin Liu, Weishi Shi, Arpeet Kale, Chen Ding, and Qi Yu. Statistical learning of domain-specific quality-of-service features from user reviews. *ACM Transactions on Internet Technology (TOIT)*, 17(2): 22:1–22:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Lima:2019:IML

[LSLY19] Eduardo Lima, Weishi Shi, Xumin Liu, and Qi Yu. Integrating multi-level tag recommendation with external knowledge bases for automatic question answering. *ACM Transactions on Internet Technology (TOIT)*, 19(3):34:1–34:??, November 2019. CODEN ????

ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3319528`.

Luo:2021:NMH

[LSZ+21] Ye Luo, Zehai Su, Wei Zheng, Zhaobin Chen, Fuqin Wang, Zhemin Zhang, and Jinjun Chen. A novel memory-hard password hashing scheme for blockchain-based cyber-physical systems. *ACM Transactions on Internet Technology (TOIT)*, 21(2):42:1–42:21, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3408310`.

Lippi:2016:AMS

[LT16] Marco Lippi and Paolo Torroni. Argumentation mining: State of the art and emerging trends. *ACM Transactions on Internet Technology (TOIT)*, 16(2): 10:1–10:??, April 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Lu:2021:ISS

[LWFD21] Huimin Lu, Liao Wu, Giancarlo Fortino, and Schahram Dustdar. Introduction to the special section on cognitive robotics on 5G/6G networks. *ACM Transactions on Internet Technology (TOIT)*, 21 (4):91e:1–91e:3, November 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3476466`.

Lan:2021:CED

[LWH+21] Rushi Lan, Jing Wang, Wenming Huang, Zhenrong Deng, Xiyan Sun, Zhuo Chen, and Xiaonan Luo. Chinese emotional dialogue response generation via reinforcement learning. *ACM Transactions on Internet Technology (TOIT)*, 21 (4):94:1–94:17, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3446390`.

Li:2025:CEF

[LWL+25] Ying Li, Xingwei Wang, Haodong Li, Praveen Kumar Donta, Min Huang, and Schahram Dustdar. Communication-efficient federated learning for heterogeneous clients. *ACM Transactions on Internet Technology (TOIT)*, 25(2): 10:1–10:??, May 2025. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Liu:2021:OSR

[LWM+21] Xuanzhe Liu, Shangguang Wang, Yun Ma, Ying Zhang, Qiaozhu Mei, Yunxin Liu, and Gang Huang. Operating systems for resource-adaptive intelligent software: Challenges and opportunities. *ACM Transactions on Internet Technology (TOIT)*, 21(2): 27:1–27:19, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3425866`.

Liu:2024:CTR

[LWZ24] Jia Liu, Jian Wang, and Guosheng Zhao. Conscious task recommendation via cognitive reasoning computing in mobile crowd sensing. *ACM Transactions on Internet Technology (TOIT)*, 24(4):18:1–18:??, November 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3694786`.

Liang:2013:SSO

[LXC+13] Yu-Li Liang, Xinyu Xing, Hanqiang Cheng, Jianxun Dang, Sui Huang, Richard Han, Xue Liu, Qin Lv, and Shivakant Mishra. SafeVchat: a system for obscene content detection in online video chat services. *ACM Transactions on Internet Technology (TOIT)*, 12 (4):13:1–13:??, July 2013. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Li:2012:TTO

[LXW+12] Zhisheng Li, Xiangye Xiao, Meng Wang, Chong Wang, Xufa Wang, and Xing Xie. Towards the taxonomy-oriented categorization of yellow pages queries. *ACM Transactions on Internet Technology (TOIT)*, 11(4): 16:1–16:??, March 2012. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Liang:2022:MSA

[LXZ+22] Wei Liang, Songyou Xie, Dafang Zhang, Xiong Li, and Kuan ching Li. A mutual security authentication method for RFID-PUF circuit based on deep learning. *ACM Transactions on Internet Technology (TOIT)*, 22(2): 34:1–34:20, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3426968`.

Li:2009:OBR

[LYF+09] Xin Li, Jun Yan, Weiguo Fan, Ning Liu, Shuicheng Yan, and Zheng Chen. An online blog reading system by topic clustering and personalized ranking. *ACM Transactions on Internet Technology (TOIT)*, 9(3):9:1–9:??, July 2009. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Liu:2018:JIO

[LYM+18] Xuanzhe Liu, Meihua Yu, Yun Ma, Gang Huang, Hong Mei, and Yunxin Liu. i-Jacob: an internetware-oriented approach to optimizing computation-intensive mobile Web browsing. *ACM Transactions on Internet Technology (TOIT)*, 18(2):14:1–14:??, March 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Lu:2005:WMD

[LYW+05] Hongjun Lu, Jeffrey Xu Yu, Guoren Wang, Shihui Zheng, Haifeng Jiang, Ge Yu, and Aoying Zhou. What makes the differences: benchmarking XML database implementations. *ACM Transactions on Internet Technology (TOIT)*, 5(1):154–194, February 2005. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Lu:2021:SSM

[LYW+21] Wenpeng Lu, Rui Yu, Shoujin Wang, Can Wang, Ping Jian, and Heyan Huang. Sentence semantic matching based on 3D CNN for human-robot language interaction. *ACM Transactions on Internet Technology (TOIT)*, 21(4): 98:1–98:24, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3450520`.

Li:2023:TTS

[LYW23] Ying Li, Yaxin Yu, and Xingwei Wang. Three-tier storage framework based on TBchain and IPFS for protecting IoT security and privacy. *ACM Transactions on Internet Technology (TOIT)*, 23(3): 37:1–37:??, August 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3549910`.

Longo:2017:CSD

[LZBN17] Antonella Longo, Marco Zappatore, Mario Bochicchio, and Shamkant B.

Navathe. Crowd-sourced data collection for urban monitoring via mobile sensors. *ACM Transactions on Internet Technology (TOIT)*, 18(1): 5:1–5:??, December 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Lin:2021:MGM

[LZJ+21] Zhiyang Lin, Jihua Zhu, Zutao Jiang, Yujie Li, Yaochen Li, and Zhongyu Li. Merging grid maps in diverse resolutions by the context-based descriptor. *ACM Transactions on Internet Technology (TOIT)*, 21(4): 91:1–91:21, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3403948`.

Liu:2022:TCE

[LZK+22] Yi Liu, Ruihui Zhao, Jiawen Kang, Abdulsalam Yassine, Dusit Niyato, and Jialiang Peng. Towards communication-efficient and attack-resistant federated edge learning for industrial Internet of Things. *ACM Transactions on Internet Technology (TOIT)*, 22(3):59:1–59:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3453169`.

Lu:2022:GSG

[LZW+22] Jianfeng Lu, Zhao Zhang, Jiangtao Wang, Ruixuan Li, and Shaohua Wan. A green Stackelberg-game incentive mechanism for multi-service exchange in mobile crowdsensing. *ACM Transactions on Internet Technology (TOIT)*, 22(2): 31:1–31:29, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3421506`.

Mostafaei:2023:SER

[MA23] Habib Mostafaei and Shafi Afridi. SDN-enabled resource provisioning framework for geo-distributed streaming analytics. *ACM Transactions on Internet Technology (TOIT)*, 23(1):18:1–18:??, February 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3571158`.

Mazouzi:2019:DEE

[MAB19] Houssemeddine Mazouzi, Nadjib Achir, and Khaled Boussetta. DM2-ECOP:

an efficient computation offloading policy for multi-user multi-cloudlet mobile edge computing environment. *ACM Transactions on Internet Technology (TOIT)*, 19(2):24:1–24:??, April 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3241666`.

Moqurrab:2022:DCI

[MAK+22] Syed Atif Moqurrab, Adeel Anjum, Abid Khan, Mansoor Ahmed, Awais Ahmad, and Gwangil Jeon. Deep-confidentiality: an IoT-enabled privacy-preserving framework for unstructured big biomedical data. *ACM Transactions on Internet Technology (TOIT)*, 22(2): 42:1–42:21, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3421509`.

Merialdo:2003:DDD

[MAM03] Paolo Merialdo, Paolo Atzeni, and Giansalvatore Mecca. Design and development of data-intensive web sites: The Araneus approach. *ACM Transactions on Internet Technology (TOIT)*, 3(1): 49–92, February 2003. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Medjahed:2007:ISI

[MBB07] Brahim Medjahed, Athman Bouguettaya, and Boualem Benatallah. Introduction to special issue on semantic Web services. *ACM Transactions on Internet Technology (TOIT)*, 8(1):1:1–1:??, November 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Mobasher:2007:TTR

[MBBW07] Bamshad Mobasher, Robin Burke, Runa Bhaumik, and Chad Williams. Toward trustworthy recommender systems: an analysis of attack models and algorithm robustness. *ACM Transactions on Internet Technology (TOIT)*, 7(4):23:1–23:??, October 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Manolescu:2005:MDD

[MBC+05] Ioana Manolescu, Marco Brambilla, Stefano Ceri, Sara Comai, and Piero Fraternali. Model-driven design and deployment of service-enabled Web applications. *ACM Transactions on Internet Tech-*

nology (TOIT), 5(3):439–479, August 2005. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Meier:2022:USM

[MBE22] Florian Meier, Alexander Bazo, and David Elsweiler. Using social media data to analyse issue engagement during the 2017 German Federal election. *ACM Transactions on Internet Technology (TOIT)*, 22(1):25:1–25:25, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3467020`.

Mayer:2024:ISI

[MBG+24] Simon Mayer, Arne Broering, Kimberly Garcia, Konstantinos Fysarakis, and Beatriz Soret. Introduction to the special issue on distributed intelligence on the Internet. *ACM Transactions on Internet Technology (TOIT)*, 24(4):24:1–24:??, November 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3700769`.

Mancini:2017:IEL

[MBP+17] Maurizio Mancini, Beatrice Biancardi, Florian Pecune, Giovanna Varni, Yu Ding, Catherine Pelachaud, Gualtiero Volpe, and Antonio Camurri. Implementing and evaluating a laughing virtual character. *ACM Transactions on Internet Technology (TOIT)*, 17 (1):3:1–3:??, March 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Mrabet:2019:CTC

[MBS19] Manel Mrabet, Yosra Ben Saied, and Leila Azouz Saidane. CAN-TM: Chain augmented naïve Bayes-based trust model for reliable cloud service selection. *ACM Transactions on Internet Technology (TOIT)*, 19(4):47:1–47:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3341732`.

Moore:2018:RRB

[MCS18] Tyler Moore, Nicolas Christin, and Janos Szurdi. Revisiting the risks of Bitcoin currency exchange closure. *ACM Transactions on Internet Technology (TOIT)*, 18 (4):50:1–50:??, November 2018. CODEN ???? ISSN

1533-5399 (print), 1557-6051 (electronic).

Murturi:2022:DDC

[MD22] Ilir Murturi and Schahram Dustdar. DECENT: a decentralized configurator for controlling elasticity in dynamic edge networks. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 78:1–78:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3530692`.

Merlino:2019:EWE

[MDDB19] Giovanni Merlino, Rustem Dautov, Salvatore Distefano, and Dario Bruneo. Enabling workload engineering in edge, fog, and cloud computing through OpenStack-based middleware. *ACM Transactions on Internet Technology (TOIT)*, 19(2):28:1–28:??, April 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3309705`.

Marques:2021:FBM

[MEAK+21] Rafael Salema Marques, Gregory Epiphaniou, Haider Al-Khateeb, Carsten Maple, Mohammad Hammoudeh, Paulo André Lima De Castro, Ali Dehghantanha, and Kim Kwang Raymond Choo. A flow-based multi-agent data exfiltration detection architecture for ultra-low latency networks. *ACM Transactions on Internet Technology (TOIT)*, 21(4): 103:1–103:30, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3419103`.

Mezghani:2019:ACP

[MED19] Emna Mezghani, Ernesto Exposito, and Khalil Drira. An autonomic cognitive pattern for smart IoT-based system manageability: Application to comorbidity management. *ACM Transactions on Internet Technology (TOIT)*, 19(1):8:1–8:??, March 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Mohammed:2021:BES

[MFR+21] Sabah Mohammed, Jinan Fiaidhi, Carlos Ramos, Tai-Hoon Kim, Wai Chi Fang, and Tarek Abdelzaher. Blockchain in eCommerce: a special issue of the ACM Transactions on Internet of Things. *ACM Transac-*

tions on Internet Technology (TOIT), 21(1): 4:11–4:55, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3445788`.

Mrissa:2007:CBM

[MGB+07] Michael Mrissa, Chirine Ghedira, Djamal Benslimane, Zakaria Maamar, Florian Rosenberg, and Schahram Dustdar. A context-based mediation approach to compose semantic Web services. *ACM Transactions on Internet Technology (TOIT)*, 8(1):4:1–4:??, November 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Mehta:2021:PCT

[MGB+21] Vikram Mehta, Daniel Gooch, Arosha Bandara, Blaine Price, and Bashar Nuseibeh. Privacy Care: a tangible interaction framework for privacy management. *ACM Transactions on Internet Technology (TOIT)*, 21(1):25:1–25:32, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3430506`.

Makhoul:2016:UEA

[MGHB16] Abdallah Makhoul, Christophe Guyeux, Mourad Hakem, and Jacques M. Bahi. Using an epidemiological approach to maximize data survival in the Internet of Things. *ACM Transactions on Internet Technology (TOIT)*, 16(1):5:1–5:??, February 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Masud:2021:PTC

[MHA+21] Mehedi Masud, M. Shamim Hossain, Hesham Alhumyani, Sultan S. Alshamrani, Omar Cheikhrouhou, Saleh Ibrahim, Ghulam Muhammad, Amr E. Eldin Rashed, and B. B. Gupta. Pre-trained convolutional neural networks for breast cancer detection using ultrasound images. *ACM Transactions on Internet Technology (TOIT)*, 21 (4):85:1–85:17, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3418355`.

Major:2022:AWS

[MHCF22] David Major, Danny Yuxing Huang, Marshini Chetty, and Nick Feamster. Alexa, who am I speaking to?: Under-

standing users' ability to identify third-party apps on Amazon Alexa. *ACM Transactions on Internet Technology (TOIT)*, 22(1):11:1–11:22, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3446389`.

Mehrabi:2022:ECH

[MJ22] Mohamad Ali Mehrabi and Alireza Jolfaei. Efficient cryptographic hardware for safety message verification in Internet of Connected Vehicles. *ACM Transactions on Internet Technology (TOIT)*, 22(4):86:1–86:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3431499`.

Maiti:2021:NII

[MKJB21] Somanka Maiti, Ashish Kumar, Smriti Jain, and Gaurav Bhatnagar. A novel image inpainting framework using regression. *ACM Transactions on Internet Technology (TOIT)*, 21(3):62:1–62:16, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3402177`.

Mahmoud:2008:GES

[ML08] Qusay H. Mahmoud and Peter Langendoerfer. Guest editorial: Service-oriented computing. *ACM Transactions on Internet Technology (TOIT)*, 8(3):11:1–11:??, May 2008. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Murata:2005:TXS

[MLMK05] Makoto Murata, Dongwon Lee, Murali Mani, and Kohsuke Kawaguchi. Taxonomy of XML schema languages using formal language theory. *ACM Transactions on Internet Technology (TOIT)*, 5(4):660–704, November 2005. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Mishra:2023:RTP

[MMI23] Pankaj Mishra, Ahmed Moustafa, and Takayuki Ito. Real-time pricing-based resource allocation in open market environments. *ACM Transactions on Internet Technology (TOIT)*, 23(1):1:1–1:??, February 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https:`

//dl.acm.org/doi/10.1145/3465237.

Mehrabi:2021:PSC

[MMJ21] Mohamad Ali Mehrabi, Naila Mukhtar, and Alireza Jolfaei. Power side-channel analysis of RNS GLV ECC using machine and deep learning algorithms. *ACM Transactions on Internet Technology (TOIT)*, 21(3):65:1–65:20, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3423555.

Ma:2022:PPD

[MMK+22] Xindi Ma, Jianfeng Ma, Saru Kumari, Fushan Wei, Mohammad Shojafar, and Mamoun Alazab. Privacy-preserving distributed multi-task learning against inference attack in cloud computing. *ACM Transactions on Internet Technology (TOIT)*, 22(2):45:1–45:24, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3426969.

Molinaro:2014:PPA

[MMP+14] Cristian Molinaro, Vincenzo Moscato, Antonio Picariello, Andrea Pugliese, Antonino Rullo, and V. S. Subrahmanian. PADUA: Parallel Architecture to Detect Unexplained Activities. *ACM Transactions on Internet Technology (TOIT)*, 14(1):3:1–3:??, July 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Malik:2016:SRE

[MMR16] Zaki Malik, Brahim Medjahed, and Abdelmounaam Rezgui. sCARE: Reputation estimation for uncertain Web services. *ACM Transactions on Internet Technology (TOIT)*, 16(1):7:1–7:??, February 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Meiss:2011:PEI

[MMV11] Mark Meiss, Filippo Menczer, and Alessandro Vespignani. Properties and evolution of Internet traffic networks from anonymized flow data. *ACM Transactions on Internet Technology (TOIT)*, 10(4):15:1–15:??, March 2011. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Moreau:2017:CFP

[Mor17] Luc Moreau. A canoni-

cal form for PROV documents and its application to equality, signature, and validation. *ACM Transactions on Internet Technology (TOIT)*, 17 (4):35:1–35:??, September 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Mutschler:2014:ASP

[MP14] Christopher Mutschler and Michael Philippsen. Adaptive speculative processing of out-of-order event streams. *ACM Transactions on Internet Technology (TOIT)*, 14 (1):4:1–4:??, July 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Min:2006:CEA

[MPC06] Jun-Ki Min, Myung-Jae Park, and Chin-Wan Chung. A compressor for effective archiving, retrieval, and updating of XML documents. *ACM Transactions on Internet Technology (TOIT)*, 6(3): 223–258, August 2006. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Muscariello:2023:SSR

[MPR+23] Luca Muscariello, Michele Papalini, Olivier Roques, Mauro Sardara, and Arthur Tran Van. Securing scalable real-time multiparty communications with hybrid information-centric networking. *ACM Transactions on Internet Technology (TOIT)*, 23(2): 33:1–33:??, May 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3593585`.

Menczer:2004:TWC

[MPS04] Filippo Menczer, Gautam Pant, and Padmini Srinivasan. Topical web crawlers: Evaluating adaptive algorithms. *ACM Transactions on Internet Technology (TOIT)*, 4(4):378–419, November 2004. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Mistry:2022:LBC

[MQB22] Sajib Mistry, Lie Qu, and Athman Bouguettaya. Layer-based composite reputation bootstrapping. *ACM Transactions on Internet Technology (TOIT)*, 22(1):13:1–13:28, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3448610`.

Manogaran:2022:GEI

[MQUXK22] Gunasekaran Manogaran, Hassan Qudrat-Ullah, Qin Xin, and Latifur Khan. Guest editorial introduction for the special section on deep learning algorithms and systems for enhancing security in cloud services. *ACM Transactions on Internet Technology (TOIT)*, 22(2): 39e:1–39e:5, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3516806`.

Mahmud:2019:LAA

[MRB19] Redowan Mahmud, Kotagiri Ramamohanarao, and Rajkumar Buyya. Latency-aware application module management for fog computing environments. *ACM Transactions on Internet Technology (TOIT)*, 19(1): 9:1–9:??, March 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Manogaran:2022:TBA

[MRS+22a] Gunasekaran Manogaran, Bharat S. Rawal, Vijayalakshmi Saravanan, Priyan M. K., Qin Xin, and P. Shakeel. Token-based authorization and authentication for secure Internet of Vehicles communication. *ACM Transactions on Internet Technology (TOIT)*, 22(4):90:1–90:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3491202`.

Manogaran:2022:OEC

[MRS+22b] Gunasekaran Manogaran, Bharat S. Rawal, Houbing Song, Huihui Wang, Chinghsien Hsu, Vijayalakshmi Saravanan, Seifedine Nimer Kadry, and P. Mohamed Shakeel. Optimal energy-centric resource allocation and offloading scheme for green Internet of Things using machine learning. *ACM Transactions on Internet Technology (TOIT)*, 22(2): 36:1–36:19, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3431500`.

Ma:2023:VGG

[MRY+23] Fuchen Ma, Meng Ren, Fu Ying, Wanting Sun, Houbing Song, Heyuan Shi, Yu Jiang, and Huizhong Li. V-Gas: Generating high gas consumption inputs to

avoid out-of-gas vulnerability. *ACM Transactions on Internet Technology (TOIT)*, 23(3): 40:1–40:??, August 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3511900`.

Mok:2005:LAS

[MS05] Wilson Wai Ho Mok and R. P. Sundarraj. Learning algorithms for single-instance electronic negotiations using the time-dependent behavioral tactic. *ACM Transactions on Internet Technology (TOIT)*, 5(1):195–230, February 2005. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Meo:2017:PAS

[MS17] Rosa Meo and Emilio Sulis. Processing affect in social media: a comparison of methods to distinguish emotions in tweets. *ACM Transactions on Internet Technology (TOIT)*, 17(1): 7:1–7:??, March 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Masud:2021:CCS

[MSG+21] Mehedi Masud, Parminder Singh, Gurjot Singh Gaba, Avinash Kaur, Roobaea Alrobaea Alghamdi, Mubarak Alrashoud, and Salman Ali Alqahtani. CROWD: Crow search and deep learning based feature extractor for classification of Parkinson's disease. *ACM Transactions on Internet Technology (TOIT)*, 21(3): 77:1–77:18, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3418500`.

Mohammad:2017:SST

[MSK17] Saif M. Mohammad, Parinaz Sobhani, and Svetlana Kiritchenko. Stance and sentiment in tweets. *ACM Transactions on Internet Technology (TOIT)*, 17(3): 26:1–26:??, July 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ma:2016:SAD

[MSW+16] Jiangang Ma, Le Sun, Hua Wang, Yanchun Zhang, and Uwe Aickelin. Supervised anomaly detection in uncertain pseudoperiodic data streams. *ACM Transactions on Internet Technology (TOIT)*, 16(1):4:1–4:??, February 2016. CODEN ???? ISSN

1533-5399 (print), 1557-6051 (electronic).

Mouris:2025:MVM

[MT25] Dimitris Mouris and Nektarios Georgios Tsoutsos. Masquerade: Verifiable multi-party aggregation with secure multiplicative commitments. *ACM Transactions on Internet Technology (TOIT)*, 25(1):3:1–3:??, February 2025. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Marzuni:2025:OGD

[MTS+25] Saeed Mirpour Marzuni, Adel Toosi, Abdorreza Savadi, Mahmud Naghibzadeh, and David Taniar. Optimizing geo-distributed data processing with resource heterogeneity over the Internet. *ACM Transactions on Internet Technology (TOIT)*, 25(1):5:1–5:??, February 2025. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Mudvari:2024:ACA

[MVO+24] Akrit Mudvari, Antero Vainio, Iason Ofeidis, Sasu Tarkoma, and Leandros Tassiulas. Adaptive compression-aware split learning and inference for enhanced network efficiency. *ACM Transactions on Internet Technology (TOIT)*, 24(4):27:1–27:??, November 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3687471`.

Maekawa:2012:CAW

[MYS+12] Takuya Maekawa, Yutaka Yanagisawa, Yasushi Sakurai, Yasue Kishino, Koji Kamei, and Takeshi Okadome. Context-aware Web search in ubiquitous sensor environments. *ACM Transactions on Internet Technology (TOIT)*, 11(3):12:1–12:??, January 2012. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Norman:2015:ITS

[NBFZ15] Timothy J. Norman, Suzanne Barber, Rino Falcone, and Jie Zhang. Introduction to theme section on trust in social networks and systems. *ACM Transactions on Internet Technology (TOIT)*, 15(4):12:1–12:??, December 2015. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Neiat:2019:IBC

[NBM19] Azadeh Ghari Neiat,

Athman Bouguettaya, and Sajib Mistry. Incentive-based crowdsourcing of hotspot services. *ACM Transactions on Internet Technology (TOIT)*, 19 (1):5:1–5:??, March 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Nentwich:2002:XCC

[NCEF02] Christian Nentwich, Licia Capra, Wolfgang Emmerich, and Anthony Finkelstein. `xlinkit`: a consistency checking and smart link generation service. *ACM Transactions on Internet Technology (TOIT)*, 2(2):151–185, May 2002. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ng:2007:MUP

[NDL07] Wilfred Ng, Lin Deng, and Dik Lun Lee. Mining User preference using Spy voting for search engine personalization. *ACM Transactions on Internet Technology (TOIT)*, 7(4):19:1–19:??, October 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Neves:2017:MPI

[NDO+17] Vitor C. Neves, Daniel De Oliveira, Kary A. C. S. Ocaña, Vanessa Braganholo, and Leonardo Murta. Managing provenance of implicit data flows in scientific experiments. *ACM Transactions on Internet Technology (TOIT)*, 17(4): 36:1–36:??, September 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Novgorodov:2020:DCC

[NGER20] Slava Novgorodov, Ido Guy, Guy Elad, and Kira Radinsky. Descriptions from the customers: Comparative analysis of review-based product description generation methods. *ACM Transactions on Internet Technology (TOIT)*, 20(4):44:1–44:31, November 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3418202`.

Ni:2025:ROI

[NGMZ25] Peikun Ni, Barbara Guidi, Andrea Michienzi, and Jianming Zhu. Relieving overexposure in information diffusion through a budget multi-stage allocation. *ACM Transactions on Internet Technology (TOIT)*, 25(1): 6:1–6:??, February 2025. CODEN ???? ISSN 1533-

5399 (print), 1557-6051 (electronic).

Ni:2021:HSN

[NLLC21] Pin Ni, Yuming Li, Gangmin Li, and Victor Chang. A hybrid Siamese neural network for natural language inference in cyber-physical systems. *ACM Transactions on Internet Technology (TOIT)*, 21(2): 33:1–33:25, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3418208`.

Nguyen:2025:ACS

[NNP+25] Phu Nguyen, Huu-Ha Nguyen, Phu Phung, Hong-Linh Truong, and Thomas Cheung. Advanced context-sensitive access management for edge-driven IoT data sharing as a service. *ACM Transactions on Internet Technology (TOIT)*, 25 (2):9:1–9:??, May 2025. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Novo:2019:MCT

[Nov19] Oscar Novo. Making constrained things reachable: a secure IP-agnostic NAT traversal approach for IoT. *ACM Transactions on Internet Technology (TOIT)*, 19(1):3:1–3:??, March 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Nepal:2015:IBR

[NPP+15] Surya Nepal, Cecile Paris, Payam Aghaei Pour, Jill Freyne, and Sanat Kumar Bista. Interaction-based recommendations for online communities. *ACM Transactions on Internet Technology (TOIT)*, 15 (2):6:1–6:??, June 2015. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Nguyen:2021:BBI

[NT21] Truc D. T. Nguyen and My T. Thai. A blockchain-based iterative double auction protocol using multiparty state channels. *ACM Transactions on Internet Technology (TOIT)*, 21(2):39:1–39:22, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3389249`.

Ning:2019:SAC

[NYB+19] Xiaodong Ning, Lina Yao, Boualem Benatallah, Yihong Zhang, Quan Z. Sheng, and Salil S. Kanhere. Source-

aware crisis-relevant tweet identification and key information summarization. *ACM Transactions on Internet Technology (TOIT)*, 19(3): 37:1–37:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Nguyen:2022:MCS

[NZ22] Tu N. Nguyen and Sherali Zeadally. Mobile crowd-sensing applications: Data redundancies, challenges, and solutions. *ACM Transactions on Internet Technology (TOIT)*, 22(2): 48:1–48:15, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3431502`.

Ni:2022:LPP

[NZQX22] Tongguang Ni, Jiaqun Zhu, Jia Qu, and Jing Xue. Labeling privacy protection SVM using privileged information for COVID-19 diagnosis. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 65:1–65:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3475868`.

Otterbacher:2017:SMY

[OALA17] Jahna Otterbacher, Chee Siang Ang, Marina Litvak, and David Atkins. Show me you care: Trait empathy, linguistic style, and mimicry on Facebook. *ACM Transactions on Internet Technology (TOIT)*, 17(1):6:1–6:??, March 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ouyang:2018:ASE

[OGP+18] Xue Ouyang, Peter Garraghan, Bernhard Primas, David Mckee, Paul Townend, and Jie Xu. Adaptive speculation for efficient Internetware application execution in clouds. *ACM Transactions on Internet Technology (TOIT)*, 18(2): 15:1–15:??, March 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

OMahony:2004:CRR

[OHKS04] Michael O'Mahony, Neil Hurley, Nicholas Kushmerick, and Guénolé Silvestre. Collaborative recommendation: a robustness analysis. *ACM Transactions on Internet Technology (TOIT)*, 4(4): 344–377, November 2004. CODEN ???? ISSN 1533-

5399 (print), 1557-6051 (electronic).

Otoum:2021:CSA

[OKM21] Safa Otoum, Burak Kantarci, and Hussein Mouftah. A comparative study of AI-based intrusion detection techniques in critical infrastructures. *ACM Transactions on Internet Technology (TOIT)*, 21(4): 81:1–81:22, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3406093`.

Ottenwalder:2014:MMA

[OKR+14] Beate Ottenwälder, Boris Koldehofe, Kurt Rothermel, Kirak Hong, David Lillethun, and Umakishore Ramachandran. MCEP: a mobility-aware complex event processing system. *ACM Transactions on Internet Technology (TOIT)*, 14(1): 6:1–6:??, July 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Oberle:2005:SAD

[OSSV05] Daniel Oberle, Steffen Staab, Rudi Studer, and Raphael Volz. Supporting application development in the Semantic Web. *ACM Transactions on Internet Technology (TOIT)*, 5(2):328–358, May 2005. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ouni:2019:HAI

[OWK+19] Ali Ouni, Hanzhang Wang, Marouane Kessentini, Salah Bouktif, and Katsuro Inoue. A hybrid approach for improving the design quality of Web service interfaces. *ACM Transactions on Internet Technology (TOIT)*, 19 (1):4:1–4:??, March 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Panagidi:2020:TTC

[PACH20] K. Panagidi, C. Anagnostopoulos, A. Chalvatzaras, and S. Hadjiefthymiades. To transmit or not to transmit: Controlling communications in the mobile IoT domain. *ACM Transactions on Internet Technology (TOIT)*, 20(3):22:1–22:23, October 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3369389`.

Pranata:2013:MDR

[PAS13] Ilung Pranata, Rukshan

Athauda, and Geoff Skinner. Modeling decentralized reputation-based trust for initial transactions in digital environments. *ACM Transactions on Internet Technology (TOIT)*, 12(3): 8:1–8:??, May 2013. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Piccialli:2021:ISS

[PBJP21] Francesco Piccialli, Nik Bessis, Gwanggil Jeon, and Calton Pu. Introduction to the special section on Data Science for Cyber-Physical Systems. *ACM Transactions on Internet Technology (TOIT)*, 21(2): 28e:1–28e:7, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3464766`.

Silva:2022:FCP

[PBL+22] Thiago Pereira Da Silva, Thais Batista, Frederico Lopes, Aluizio Rocha Neto, Flávia C. Delicato, Paulo F. Pires, and Atslands R. Da Rocha. Fog computing platforms for smart city applications: a survey. *ACM Transactions on Internet Technology (TOIT)*, 22(4):96:1–96:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3488585`.

Pavlopoulou:2022:PEC

[PC22] Niki Pavlopoulou and Edward Curry. PoSSUM: an entity-centric publish/subscribe system for diverse summarization in Internet of Things. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 73:1–73:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3507911`.

Pore:2019:CEE

[PCBG19] Madhurima Pore, Vinaya Chakati, Ayan Banerjee, and Sandeep K. S. Gupta. ContextAiDe: End-to-end architecture for mobile crowd-sensing applications. *ACM Transactions on Internet Technology (TOIT)*, 19(2):19:1–19:??, April 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3301444`.

Pachilakis:2020:DIC

[PCP+20] Michalis Pachilakis, An-

tonios A. Chariton, Panagiotis Papadopoulos, Panagiotis Ilia, Eirini Degkleri, and Evangelos P. Markatos. Design and implementation of a compressed certificate status protocol. *ACM Transactions on Internet Technology (TOIT)*, 20(4):34:1–34:25, November 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3392096`.

Peng:2021:EDD

[PCV+21] Cong Peng, Jianhua Chen, Pandi Vijayakumar, Neeraj Kumar, and Debiao He. Efficient distributed decryption scheme for IoT gateway-based applications. *ACM Transactions on Internet Technology (TOIT)*, 21(1):19:1–19:23, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3414475`.

Plaza-Del-Arco:2020:DMX

[PDAMGULMV20] Flor-Miriam Plaza-Del-Arco, M. Dolores Molina-González, L. Alfonso Ureña-López, and M. Teresa Martín-Valdivia. Detecting misogyny and xenophobia in Spanish tweets using language technologies. *ACM Transactions on Internet Technology (TOIT)*, 20(2):12:1–12:19, May 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3369869`.

Pennekamp:2023:OTW

[PDF+23] Jan Pennekamp, Markus Dahlmanns, Frederik Fuhrmann, Timo Heutmann, Alexander Kreppein, Dennis Grunert, Christoph Lange, Robert H. Schmitt, and Klaus Wehrle. Offering two-way privacy for evolved purchase inquiries. *ACM Transactions on Internet Technology (TOIT)*, 23(4):53:1–53:??, November 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3599968`.

Pascoal:2020:MPA

[PDS20] Rui Pascoal, Ana De Almeida, and Rute C. Sofia. Mobile Pervasive Augmented Reality Systems — MPARS: The role of user preferences in the perceived quality of experience in outdoor applications. *ACM Transactions on Internet Technology (TOIT)*, 20(1):7:1–7:17, March 2020.

CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3375458`.

Piccialli:2021:PAS

[PGP+21] Francesco Piccialli, Fabio Giampaolo, Edoardo Prezioso, Danilo Crisci, and Salvatore Cuomo. Predictive analytics for smart parking: a deep learning approach in forecasting of IoT data. *ACM Transactions on Internet Technology (TOIT)*, 21(3): 68:1–68:21, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3412842`.

Peng:2018:COM

[PGT+18] Xin Peng, Jingxiao Gu, Tian Huat Tan, Jun Sun, Yijun Yu, Bashar Nuseibeh, and Wenyun Zhao. CrowdService: Optimizing mobile crowdsourcing and service composition. *ACM Transactions on Internet Technology (TOIT)*, 18(2): 19:1–19:??, March 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Peng:2021:EEP

[PHC+21] Cong Peng, Debiao He, Jianhua Chen, Neeraj Kumar, and Muhammad Khurram Khan. EPRT: an efficient privacy-preserving medical service recommendation and trust discovery scheme for eHealth system. *ACM Transactions on Internet Technology (TOIT)*, 21(3):61:1–61:24, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3397678`.

Pradhan:2021:GTS

[PHR+21] Buddhadeb Pradhan, Nirmal Baran Hui, Diptendu Sinha Roy, Gautam Srivastava, and Jerry Chun-Wei Lin. Game-theoretic strategic coordination and navigation of multiple wheeled robots. *ACM Transactions on Internet Technology (TOIT)*, 21(4): 96:1–96:15, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3450521`.

Pahl:2018:APC

[PJZ18] Claus Pahl, Pooyan Jamshidi, and Olaf Zimmermann. Architectural principles for cloud software. *ACM Transactions on Internet Technology (TOIT)*, 18(2): 17:1–17:??, March 2018.

CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Pal:2020:EPS

[PK20] Amitangshu Pal and Krishna Kant. Exploiting proxy sensing for efficient monitoring of large-scale sensor networks. *ACM Transactions on Internet Technology (TOIT)*, 20(2): 14:1–14:31, May 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3376919`.

Palanisamy:2018:PPP

[PLZW18] Balaji Palanisamy, Ling Liu, Yang Zhou, and Qingyang Wang. Privacy-preserving publishing of multilevel utility-controlled graph datasets. *ACM Transactions on Internet Technology (TOIT)*, 18(2):24:1–24:??, March 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Prandi:2017:NTS

[PMFS17] Catia Prandi, Silvia Mirri, Stefano Ferretti, and Paola Salomoni. On the need of trustworthy sensing and crowdsourcing for urban accessibility in Smart City. *ACM Transactions on Internet Technology (TOIT)*, 18(1):4:1–4:??, December 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Puliafito:2019:FCI

[PML+19] Carlo Puliafito, Enzo Mingozzi, Francesco Longo, Antonio Puliafito, and Omer Rana. Fog computing for the Internet of Things: a survey. *ACM Transactions on Internet Technology (TOIT)*, 19(2):18:1–18:??, April 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3301443`.

Paun:2023:WBP

[PMN23] Iulia Paun, Yashar Moshfeghi, and Nikos Ntarmos. White box: On the prediction of collaborative filtering recommendation systems' performance. *ACM Transactions on Internet Technology (TOIT)*, 23(1): 8:1–8:??, February 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3554979`.

Pussewalage:2019:ADA

[PO19] Harsha S. Gardiyawasam Pussewalage and Vladimir A.

Oleshchuk. An anonymous delegatable attribute-based credential scheme for a collaborative e-health environment. *ACM Transactions on Internet Technology (TOIT)*, 19 (3):41:1–41:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Park:2011:ACC

[PP11] Ki-Woong Park and Kyu Ho Park. ACCENT: Cognitive cryptography plugged compression for SSL/TLS-based cloud computing services. *ACM Transactions on Internet Technology (TOIT)*, 11(2): 7:1–7:??, December 2011. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Pourmirza:2019:BRN

[PPDG19] Shaya Pourmirza, Sander Peters, Remco Dijkman, and Paul Grefen. BPMS-RA: a novel reference architecture for business process management systems. *ACM Transactions on Internet Technology (TOIT)*, 19(1):13:1–13:??, March 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3232677`.

Petropoulos:2005:GQI

[PPV05] Michalis Petropoulos, Yannis Papakonstantinou, and Vasilis Vassalos. Graphical query interfaces for semistructured data: the QURSED system. *ACM Transactions on Internet Technology (TOIT)*, 5(2):390–438, May 2005. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). See address correction [Vas05].

Platzer:2009:WSC

[PRD09] Christian Platzer, Florian Rosenberg, and Schahram Dustdar. Web service clustering using multidimensional angles as proximity measures. *ACM Transactions on Internet Technology (TOIT)*, 9(3):11:1–11:??, July 2009. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Pal:2020:SBN

[PRKD20] Amitangshu Pal, Mayank Raj, Krishna Kant, and Sajal K. Das. A smartphone-based network architecture for post-disaster operations using WiFi tethering. *ACM Transactions on Internet Technology (TOIT)*,

20(1):6:1–6:27, March 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3372145`.

Paschalides:2020:MBD

[PSA+20] Demetris Paschalides, Dimosthenis Stephanidis, Andreas Andreou, Kalia Orphanou, George Pallis, Marios D. Dikaiakos, and Evangelos Markatos. MANDOLA: a big-data processing and visualization platform for monitoring and detecting online hate speech. *ACM Transactions on Internet Technology (TOIT)*, 20(2):11:1–11:21, March 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3371276`.

Pfitzner:2021:FLM

[PSA21] Bjarne Pfitzner, Nico Steckhan, and Bert Arnrich. Federated learning in a medical context: a systematic literature review. *ACM Transactions on Internet Technology (TOIT)*, 21(2): 50:1–50:31, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3412357`.

Pang:2010:PPS

[PSK10] Hweehwa Pang, Jialie Shen, and Ramayya Krishnan. Privacy-preserving similarity-based text retrieval. *ACM Transactions on Internet Technology (TOIT)*, 10(1):4:1–4:??, February 2010. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Pu:2020:BAR

[PSL+20] Calton Pu, Abhijit Suprem, Rodrigo Alves Lima, Aibek Musaev, De Wang, Danesh Irani, Steve Webb, and Joao Eduardo Ferreira. Beyond artificial reality: Finding and monitoring live events from social sensors. *ACM Transactions on Internet Technology (TOIT)*, 20 (1):2:1–2:21, March 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3374214`.

Polachan:2022:DDS

[PSP22] Kurian Polachan, Chandramani Singh, and T. V. Prabhakar. Decentralized dynamic scheduling of TCPS flows and a simulator for time-sensitive networking. *ACM Trans-*

actions on Internet Technology (TOIT), 22(4): 94:1–94:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3498729`.

Pan:2024:ETI

[PSZ24] Bofeng Pan, Natalia Stakhanova, and Zhongwen Zhu. EtherShield: Time-interval analysis for detection of malicious behavior on Ethereum. *ACM Transactions on Internet Technology (TOIT)*, 24(1):2:1–2:??, February 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3633514`.

Pitoura:2009:DFI

[PT09] Theoni Pitoura and Peter Triantafillou. Distribution fairness in Internet-scale networks. *ACM Transactions on Internet Technology (TOIT)*, 9(4):16:1–16:??, September 2009. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Padget:2017:FGA

[PV17] Julian A. Padget and Wamberto W. Vasconcelos. Fine-grained access control via policy-carrying data. *ACM Transactions on Internet Technology (TOIT)*, 18 (3):31:1–31:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Perentis:2017:AUF

[PVL+17] Christos Perentis, Michele Vescovi, Chiara Leonardi, Corrado Moiso, Mirco Musolesi, Fabio Pianesi, and Bruno Lepri. Anonymous or not? Understanding the factors affecting personal mobile data disclosure. *ACM Transactions on Internet Technology (TOIT)*, 17 (2):13:1–13:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Pei:2022:NNP

[PWGQ22] Songwen Pei, Yusheng Wu, Jin Guo, and Meikang Qiu. Neural network pruning by recurrent weights for finance market. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 56:1–56:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3433547`.

Pagani:2022:NNA

[PWSG22] Alessio Pagani, Zhuangkun Wei, Ricardo Silva, and

Weisi Guo. Neural network approximation of graph Fourier transform for sparse sampling of networked dynamics. *ACM Transactions on Internet Technology (TOIT)*, 22(1):21:1–21:18, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3461838`.

Qian:2019:SNA

[QLJ+19] Jianwei Qian, Xiang-Yang Li, Taeho Jung, Yang Fan, Yu Wang, and Shaojie Tang. Social network de-anonymization: More adversarial knowledge, more users re-identified? *ACM Transactions on Internet Technology (TOIT)*, 19(3):33:1–33:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3310363`.

Qiao:2022:MCB

[QZDG22] Yanchen Qiao, Weizhe Zhang, Xiaojiang Du, and Mohsen Guizani. Malware classification based on multilayer perception and Word2Vec for IoT security. *ACM Transactions on Internet Technology (TOIT)*, 22(1):10:1–10:22, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3436751`.

Ren:2022:TSM

[RAR22] Haoyu Ren, Darko Anicic, and Thomas A. Runkler. Towards semantic management of on-device applications in industrial IoT. *ACM Transactions on Internet Technology (TOIT)*, 22(4):102:1–102:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3510820`.

Ricci:2022:WDT

[RCM+22] Alessandro Ricci, Angelo Croatti, Stefano Mariani, Sara Montagna, and Marco Picone. Web of digital twins. *ACM Transactions on Internet Technology (TOIT)*, 22(4):101:1–101:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3507909`.

Ros:2015:COC

[RCP+15] Santiago Pina Ros, Ángel Pina Canelles, Manuel Gil

Pérez, Félix Gómez Mármol, and Gregorio Martínez Pérez. Chasing offensive conduct in social networks: a reputation-based practical approach for Frisber. *ACM Transactions on Internet Technology (TOIT)*, 15(4): 15:1–15:??, December 2015. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Rodriguez:2016:MQA

[RDC16] Carlos Rodríguez, Florian Daniel, and Fabio Casati. Mining and quality assessment of mashup model patterns with the crowd: a feasibility study. *ACM Transactions on Internet Technology (TOIT)*, 16(3): 17:1–17:??, August 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Rohrer:2020:ERV

[RHT20] Elias Rohrer, Steffen Heidel, and Florian Tschorsch. Enabling reference verifiability for the World Wide Web with Webchain. *ACM Transactions on Internet Technology (TOIT)*, 20(4):35:1–35:23, November 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3392097`.

Rezvani:2018:PAM

[RIB18] Mohsen Rezvani, Aleksandar Ignjatovic, and Elisa Bertino. A provenance-aware multi-dimensional reputation system for online rating systems. *ACM Transactions on Internet Technology (TOIT)*, 18 (4):55:1–55:??, November 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Rinaldi:2009:ODA

[Rin09] Antonio M. Rinaldi. An ontology-driven approach for semantic information retrieval on the Web. *ACM Transactions on Internet Technology (TOIT)*, 9(3):10:1–10:??, July 2009. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Rahman:2022:LDH

[RKY+22] Mohammad Saidur Rahman, Ibrahim Khalil, Xun Yi, Mohammed Atiquzzaman, and Elisa Bertino. A lossless data-hiding based IoT data authenticity model in Edge-AI for connected living. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 57:1–57:??, August 2022.

CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3453171`.

Rosenthal:2017:DIM

[RM17] Sara Rosenthal and Kathleen Mckeown. Detecting influencers in multiple online genres. *ACM Transactions on Internet Technology (TOIT)*, 17 (2):12:1–12:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Robu:2012:UPO

[RML12] Valentin Robu, Lonneke Mous, and Han La Poutré. Using priced options to solve the exposure problem in sequential auctions. *ACM Transactions on Internet Technology (TOIT)*, 12(2):5:1–5:??, December 2012. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Rawal:2022:MTS

[RMMH22] Bharat S. Rawal, Poongodi M., Gunasekaran Manogaran, and Mounir Hamdi. Multi-tier stack of block chain with proxy re-encryption method scheme on the Internet of Things platform. *ACM Transactions on Internet Technology (TOIT)*, 22(2): 41:1–41:20, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3421508`.

Rajab:2010:PTC

[RMP10] Moheeb Abu Rajab, Fabian Monrose, and Niels Provos. Peeking through the cloud: Client density estimation via DNS cache probing. *ACM Transactions on Internet Technology (TOIT)*, 10(3):9:1–9:??, October 2010. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Rathore:2017:HBI

[RPA+17] M. Mazhar Rathore, Anand Paul, Awais Ahmad, Marco Anisetti, and Gwanggil Jeon. Hadoop-Based Intelligent Care System (HICS): Analytical approach for big data in IoT. *ACM Transactions on Internet Technology (TOIT)*, 18(1): 8:1–8:??, December 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Rust:2022:RDC

[RPR22] Pierre Rust, Gauthier Picard, and Fano Ramparany. Resilient dis-

tributed constraint reasoning to autonomously configure and adapt IoT environments. *ACM Transactions on Internet Technology (TOIT)*, 22 (4):100:1–100:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3507907`.

Ren:2021:IVM

[RQL+21] Yongjun Ren, Jian Qi, Yepeng Liu, Jin Wang, and Gwang-Jun Kim. Integrity verification mechanism of sensor data based on bilinear map accumulator. *ACM Transactions on Internet Technology (TOIT)*, 21(1): 5:1–5:19, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3380749`.

Ruffo:2009:PPR

[RS09] Giancarlo Ruffo and Rossano Schifanella. A peer-to-peer recommender system based on spontaneous affinities. *ACM Transactions on Internet Technology (TOIT)*, 9(1): 4:1–4:??, February 2009. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Roy:2017:FRD

[RSS17] Atanu Roy, Ayush Singhal, and Jaideep Srivastava. Formation and reciprocation of dyadic trust. *ACM Transactions on Internet Technology (TOIT)*, 17(2): 15:1–15:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Rodriguez:2019:DDT

[RTcR19] Ricardo J. Rodríguez, Rafael Tolosana-calasanz, and Omer F. Rana. A dynamic data-throttling approach to minimize workflow imbalance. *ACM Transactions on Internet Technology (TOIT)*, 19(3):32:1–32:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3278720`.

Ravi:2022:DIU

[RTR+22] Chandrasekar Ravi, Anmol Tigga, G. Thippa Reddy, Saqib Hakak, and Mamoun Alazab. Driver identification using optimized deep learning model in smart transportation. *ACM Transactions on Internet Technology (TOIT)*, 22(4): 84:1–84:??, November 2022. CODEN ???? ISSN

1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3412353`.

Ren:2020:SRE

[RWXC20] Hongshuai Ren, Yang Wang, Chengzhong Xu, and Xi Chen. SMig-RL: an evolutionary migration framework for cloud services based on deep reinforcement learning. *ACM Transactions on Internet Technology (TOIT)*, 20(4):43:1–43:18, November 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3414840`.

Ruan:2017:MTB

[RZAD17] Yefeng Ruan, Ping Zhang, Lina Alfantoukh, and Arjan Durresi. Measurement theory-based trust management framework for online social communities. *ACM Transactions on Internet Technology (TOIT)*, 17(2):16:1–16:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ruan:2020:URP

[RZJ20] Na Ruan, Dongli Zhou, and Weijia Jia. Ursa: Robust performance for Nakamoto consensus with self-adaptive throughput. *ACM Transactions on Internet Technology (TOIT)*, 20(4):41:1–41:26, November 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3412341`.

Rodic:2022:MLS

[RZP+22] Lea Dujić Rodić, Tomislav Zupanović, Toni Perković, Petar Solić, and Joel J. P. C. Rodrigues. Machine learning and soil humidity sensing: Signal strength approach. *ACM Transactions on Internet Technology (TOIT)*, 22(2):39:1–39:21, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3418207`.

Saez:2018:UBD

[SAB+18] Santiago Gómez Sáez, Vasilios Andrikopoulos, Marina Bitsaki, Frank Leymann, and André van Hoorn. Utility-based decision making for migrating cloud-based applications. *ACM Transactions on Internet Technology (TOIT)*, 18(2):22:1–22:??, March 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Stamatogiannakis:2017:PPP

[SABG17] Manolis Stamatogiannakis, Elias Athanasopoulos, Herbert Bos, and Paul Groth. PROV$_{2R}$: Practical provenance analysis of unstructured processes. *ACM Transactions on Internet Technology (TOIT)*, 17(4): 37:1–37:??, September 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Saryazdi:2024:URL

[SABL24] Sepehr Saryazdi, Balsam Alkouz, Athman Bouguettaya, and Abdallah Lakhdari. Using reinforcement learning and error models for drone precise landing. *ACM Transactions on Internet Technology (TOIT)*, 24 (3):14:1–14:??, 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3670997`.

Saeed:2016:IID

[SAJL16] Ahmed Saeed, Ali Ahmadinia, Abbas Javed, and Hadi Larijani. Intelligent intrusion detection in low-power IoTs. *ACM Transactions on Internet Technology (TOIT)*, 16 (4):27:1–27:??, December 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Sekaran:2022:TTM

[SATPR22] Ramesh Sekaran, Fadi Al-Turjman, Rizwan Patan, and Velmani Ramasamy. Tripartite transmitting methodology for intermittently connected mobile network (ICMN). *ACM Transactions on Internet Technology (TOIT)*, 22(4):89:1–89:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3433545`.

Seeger:2020:OSH

[SBC20] Jan Seeger, Arne Bröring, and Georg Carle. Optimally self-healing IoT choreographies. *ACM Transactions on Internet Technology (TOIT)*, 20(3):27:1–27:20, October 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3386361`.

Shehab:2007:WSD

[SBG07] Mohamed Shehab, Kamal Bhattacharya, and Arif Ghafoor. Web services discovery in secure collaboration environments. *ACM Trans-*

actions on Internet Technology (TOIT), 8(1):5:1–5:??, November 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Sun:2019:MOO

[SCL+19] Daniel Sun, Shiping Chen, Guoqiang Li, Yuanyuan Zhang, and Muhammad Atif. Multi-objective optimisation of online distributed software update for DevOps in clouds. *ACM Transactions on Internet Technology (TOIT)*, 19 (3):43:1–43:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Song:2024:PEB

[SCLB24] Zhiyi Song, Dipankar Chaki, Abdallah Lakhdari, and Athman Bouguettaya. Positional encoding-based resident identification in multi-resident smart homes. *ACM Transactions on Internet Technology (TOIT)*, 24(1):1:1–1:??, February 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3631353`.

Soldani:2022:MAR

[SCPB22] Jacopo Soldani, Marco Cameriero, Giulio Paparelli, and Antonio Brogi. Modelling and analysing replica- and fault-aware management of horizontally scalable applications. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 74:1–74:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3511302`.

Shen:2017:TES

[SCW17] Haiying Shen, Harrison Chandler, and Haoyu Wang. Toward efficient short-video sharing in the YouTube social network. *ACM Transactions on Internet Technology (TOIT)*, 18(3): 33:1–33:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Song:2021:SCS

[SCZ+21] A. Qun Song, Yuhao Chen, Yan Zhong, Kun Lan, Simon Fong, and B. Rui Tang. A supply-chain system framework based on Internet of Things using blockchain technology. *ACM Transactions on Internet Technology (TOIT)*, 21(1): 13:1–13:24, February 2021. CODEN ???? ISSN

1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3409798`.

Sheng:2012:ISI

[SD12] Quan Z. Sheng and Schahram Dustdar. Introduction to special issue on context-aware Web services for the future Internet. *ACM Transactions on Internet Technology (TOIT)*, 11(3):9:1–9:??, January 2012. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Sharma:2021:EUC

[SDB21] Tanusree Sharma, Hunter A. Dyer, and Masooda. Bashir. Enabling user-centered privacy controls for mobile applications: COVID-19 perspective. *ACM Transactions on Internet Technology (TOIT)*, 21(1): 26:1–26:24, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3434777`.

Silva:2014:RCW

[SdMA+14] Thiago H. Silva, Pedro O. S. Vaz de Melo, Jussara M. Almeida, Juliana Salles, and Antonio A. F. Loureiro. Revealing the city that we cannot see. *ACM Transactions on Internet Technology (TOIT)*, 14 (4):26:1–26:??, December 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Savaglio:2021:SDM

[SF21] Claudio Savaglio and Giancarlo Fortino. A simulation-driven methodology for IoT data mining based on edge computing. *ACM Transactions on Internet Technology (TOIT)*, 21(2): 30:1–30:22, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3402444`.

Saxena:2016:API

[SGC16] Neetesh Saxena, Santiago Grijalva, and Narendra S. Chaudhari. Authentication protocol for an IoT-enabled LTE network. *ACM Transactions on Internet Technology (TOIT)*, 16(4): 25:1–25:??, December 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Shih:2019:GPB

[SGOS19] Timothy K. Shih, W. K. T. M. Gunarathne, Ankhtuya Ochirbat, and Huang-Ming Su. Grouping peers

based on complementary degree and social relationship using genetic algorithm. *ACM Transactions on Internet Technology (TOIT)*, 19(1): 2:1–2:??, March 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Shorfuzzaman:2022:PAE

[SH22] Mohammad Shorfuzzaman and M. Shamim Hossain. Predictive analytics of energy usage by IoT-based smart home appliances for green urban development. *ACM Transactions on Internet Technology (TOIT)*, 22(2):35:1–35:26, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3426970`.

Schroeder:2006:WSU

[SHB06] Bianca Schroeder and Mor Harchol-Balter. Web servers under overload: How scheduling can help. *ACM Transactions on Internet Technology (TOIT)*, 6(1):20–52, February 2006. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Stolfo:2006:BBM

[SHH+06] Salvatore J. Stolfo, Shlomo Hershkop, Chia-Wei Hu, Wei-Jen Li, Olivier Nimeskern, and Ke Wang. Behavior-based modeling and its application to Email analysis. *ACM Transactions on Internet Technology (TOIT)*, 6(2):187–221, May 2006. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Singh:2013:TAU

[Sin13a] Munindar P. Singh. TOIT administrative updates. *ACM Transactions on Internet Technology (TOIT)*, 12(4): 11:1–11:??, July 2013. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Singh:2013:VT

[Sin13b] Munindar P. Singh. Vision for TOIT. *ACM Transactions on Internet Technology (TOIT)*, 12 (4):10:1–10:??, July 2013. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Singh:2017:TR

[Sin17] Munindar P. Singh. TOIT reviewers over 2015 and 2016. *ACM Transactions on Internet Technology (TOIT)*, 18 (1):12:1–12:??, December 2017. CODEN ???? ISSN

1533-5399 (print), 1557-6051 (electronic).

Singh:2018:TR

[Sin18] Munindar P. Singh. TOIT reviewers over 2017. *ACM Transactions on Internet Technology (TOIT)*, 18(4): 57:1–57:??, November 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Sharma:2024:NCM

[SJMG24] Sidharth Sharma, Admela Jukan, Aashi Malik, and Ashwin Gumaste. A network calculus model for SFC realization and traffic bounds estimation in data centers. *ACM Transactions on Internet Technology (TOIT)*, 24(4):21:1–21:??, November 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3700440`.

Shue:2013:RRC

[SK13] Craig A. Shue and Andrew J. Kalafut. Resolvers revealed: Characterizing DNS resolvers and their clients. *ACM Transactions on Internet Technology (TOIT)*, 12 (4):14:1–14:??, July 2013. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Saenko:2017:GAS

[SK17] Igor Saenko and Igor Kotenko. Genetic algorithms for solving problems of access control design and reconfiguration in computer networks. *ACM Transactions on Internet Technology (TOIT)*, 18(3): 27:1–27:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Sachan:2024:SEQ

[SK24] Anuj Sachan and Neetesh Kumar. SDN-enabled quantized LQR for smart traffic light controller to optimize congestion. *ACM Transactions on Internet Technology (TOIT)*, 24(1):7:1–7:??, February 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3641104`.

Sharma:2023:TCN

[SKA+23] Sidharth Sharma, Aniruddha Kushwaha, Mohammad Alizadeh, George Varghese, and Ashwin Gumaste. Tuneman: Customizing networks to guarantee application bandwidth and la-

tency. *ACM Transactions on Internet Technology (TOIT)*, 23(1):20:1–20:??, February 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3575657`.

Shin:2022:SEH

[SKH22] Hyungjune Shin, Dongyoung Koo, and Junbeom Hur. Secure and efficient hybrid data deduplication in edge computing. *ACM Transactions on Internet Technology (TOIT)*, 22(3):80:1–80:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3537675`.

Son:2022:EIP

[SL22] Heesuk Son and Dongman Lee. An efficient interaction protocol inference scheme for incompatible updates in IoT environments. *ACM Transactions on Internet Technology (TOIT)*, 22(2):54:1–54:25, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3430501`.

Sengupta:2020:PPN

[SLBD20] Binanda Sengupta, Yingjiu Li, Kai Bu, and Robert H. Deng. Privacy-preserving network path validation. *ACM Transactions on Internet Technology (TOIT)*, 20(1):5:1–5:27, March 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3372046`.

Singal:2022:QAM

[SLG+22] Gaurav Singal, Vijay Laxmi, Manoj Singh Gaur, D. Vijay Rao, Riti Kushwaha, Deepak Garg, and Neeraj Kumar. QoS-aware mesh-based multicast routing protocols in edge ad hoc networks: Concepts and challenges. *ACM Transactions on Internet Technology (TOIT)*, 22(1):1:1–1:27, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3428150`.

Srivastava:2023:SSA

[SLPZ23] Gautam Srivastava, Jerry Chun-Wei Lin, Calton Pu, and Yudong Zhang. Special section on "Advances in Cyber-Manufacturing: Architectures, Challenges, & Future Research Directions". *ACM Transactions on Internet Tech-*

nology (TOIT), 23(4): 49:1–49:??, November 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3627990`.

Salomoni:2008:MBS

[SMFR08] Paola Salomoni, Silvia Mirri, Stefano Ferretti, and Marco Roccetti. A multimedia broker to support accessible and mobile learning through learning objects adaptation. *ACM Transactions on Internet Technology (TOIT)*, 8(2):4:1–4:??, February 2008. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Sherchan:2012:CSU

[SNBC12] Wanita Sherchan, Surya Nepal, Athman Bouguettaya, and Shiping Chen. Context-sensitive user interfaces for semantic services. *ACM Transactions on Internet Technology (TOIT)*, 11(3):14:1–14:??, January 2012. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Shao:2017:ECI

[SO17] Jianhua Shao and Hoang Ong. Exploiting contextual information in attacking set-generalized transactions. *ACM Transactions on Internet Technology (TOIT)*, 17 (4):40:1–40:??, September 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Sekaran:2021:NAE

[SPAT21] Ramesh Sekaran, Rizwan Patan, and Fadi Al-Turjman. A novel approach for efficient packet transmission in volunteered computing MANET. *ACM Transactions on Internet Technology (TOIT)*, 21(4): 100:1–100:15, November 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3418203`.

Song:2023:CHD

[SPCC23] Pei-Cheng Song, Jeng-Shyang Pan, Han-Chieh Chao, and Shu-Chuan Chu. Collaborative hotspot data collection with drones and 5G edge computing in smart city. *ACM Transactions on Internet Technology (TOIT)*, 23(4):55:1–55:??, November 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3617373`.

Shankar:2022:SDL

[SPE+22] K. Shankar, Eswaran Perumal, Mohamed Elhoseny, Fatma Taher, B. B. Gupta, and Ahmed A. Abd El-Latif. Synergic deep learning for smart health diagnosis of COVID-19 for connected living and smart cities. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 61:1–61:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3453168`.

Stergiou:2022:IFB

[SPG22] Christos L. Stergiou, Konstantinos E. Psannis, and Brij B. Gupta. InFeMo: Flexible big data management through a federated cloud system. *ACM Transactions on Internet Technology (TOIT)*, 22(2): 46:1–46:22, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3426972`.

Stein:2009:FPW

[SPJ09] Sebastian Stein, Terry R. Payne, and Nicholas R. Jennings. Flexible provisioning of Web service workflows. *ACM Transactions on Internet Technology (TOIT)*, 9(1):2:1–2:??, February 2009. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Shudrenko:2022:NAE

[SPKTG22] Yevhenii Shudrenko, Daniel Plöger, Koojana Kuladinithi, and Andreas Timm-Giel. A novel approach to enhance the end-to-end quality of service for avionic wireless sensor networks. *ACM Transactions on Internet Technology (TOIT)*, 22(4):95:1–95:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3520441`.

Sun:2013:IUP

[SPM+13] San-Tsai Sun, Eric Pospisil, Ildar Muslukhov, Nuray Dindar, Kirstie Hawkey, and Konstantin Beznosov. Investigating users' perspectives of Web single sign-on: Conceptual gaps and acceptance model. *ACM Transactions on Internet Technology (TOIT)*, 13(1): 2:1–2:??, November 2013. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Sayyadi:2013:GAA

[SR13] Hassan Sayyadi and Louiqa Raschid. A graph analytical approach for topic detection. *ACM Transactions on Internet Technology (TOIT)*, 13(2):4:1–4:??, December 2013. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Sood:2022:ETI

[SRK22] Sandeep Kumar Sood, Keshav Singh Rawat, and Dheeraj Kumar. Emerging trends of ICT in airborne disease prevention. *ACM Transactions on Internet Technology (TOIT)*, 22(4):110:1–110:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3564783`.

Szykman:2006:DIW

[SS06] Simon Szykman and Ram D. Sriram. Design and implementation of the Web-enabled NIST design repository. *ACM Transactions on Internet Technology (TOIT)*, 6(1):85–116, February 2006. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Shen:2011:ADC

[SS11] Haifeng Shen and Chengzheng Sun. Achieving data consistency by contextualization in Web-Based collaborative applications. *ACM Transactions on Internet Technology (TOIT)*, 10(4):13:1–13:??, March 2011. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Shi:2020:PSA

[SS20] Junyang Shi and Mo Sha. Parameter self-adaptation for industrial wireless sensor–actuator networks. *ACM Transactions on Internet Technology (TOIT)*, 20(3):28:1–28:28, October 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3388240`.

Shahid:2021:MLB

[SSA+21] Huniya Shahid, Munam Ali Shah, Ahmad Almogren, Hasan Ali Khattak, Ikram Ud Din, Neeraj Kumar, and Carsten Maple. Machine learning-based mist computing enabled Internet of Battlefield Things. *ACM Transactions on Internet Technology (TOIT)*, 21(4):101:1–101:26, November 2021. CODEN ???? ISSN 1533-5399

(print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3418204.

Sheng:2023:GEI

[SSC23] Quan Z. Sheng, Arun Kumar Sangaiah, and Ankit Chaudhary. Guest editors' introduction for special issue on applications of computational linguistics in multimedia IoT services. *ACM Transactions on Internet Technology (TOIT)*, 23(2): 24:1–24:??, May 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3591355.

Sofia:2020:ISI

[SSKW20] Rute C. Sofia, Eve M. Schooler, Dirk Kutscher, and Chris Winkler. Introduction to the special issue on evolution of IoT networking architectures. *ACM Transactions on Internet Technology (TOIT)*, 20(3):20:1–20:2, October 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3406087.

Siboni:2016:AST

[SST+16] Shachar Siboni, Asaf Shabtai, Nils O. Tippenhauer, Jemin Lee, and Yuval Elovici. Advanced security testbed framework for wearable IoT devices. *ACM Transactions on Internet Technology (TOIT)*, 16(4): 26:1–26:??, December 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Shafei:2024:EAS

[ST24] Hassan A. Shafei and Chiu C. Tan. Enhancing Alexa skill testing through improved utterance discovery. *ACM Transactions on Internet Technology (TOIT)*, 24(4):20:1–20:??, November 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3698200.

Samie:2019:OOO

[STB+19] Farzad Samie, Vasileios Tsoutsouras, Lars Bauer, Sotirios Xydis, Dimitrios Soudris, and Jörg Henkel. Oops: Optimizing operation-mode selection for IoT edge devices. *ACM Transactions on Internet Technology (TOIT)*, 19(2): 22:1–22:??, April 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL

https://dl.acm.org/ft_gateway.cfm?id=3230642.

Singh:2021:JEC

[STJ+21] A. K. Singh, S. Thakur, Alireza Jolfaei, Gautam Srivastava, MD. Elhoseny, and A. Mohan. Joint encryption and compression-based watermarking technique for security of digital documents. *ACM Transactions on Internet Technology (TOIT)*, 21(1):18:1–18:20, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3414474.

Stolba:2017:QPL

[STK17] Michal Stolba, Jan Tozicka, and Antonín Komenda. Quantifying privacy leakage in multi-agent planning. *ACM Transactions on Internet Technology (TOIT)*, 18(3):28:1–28:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Singh:2021:ISS

[SWAHP21] Amit Kumar Singh, Jonathan Wu, Ali Al-Haj, and Calton Pu. Introduction to the special section on security and privacy of medical data for smart healthcare. *ACM Transactions on Internet Technology (TOIT)*, 21(3):53:1–53:4, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3460870.

Sutcliffe:2015:MRT

[SWD15] Alistair G. Sutcliffe, Di Wang, and Robin I. M. Dunbar. Modelling the role of trust in social relationships. *ACM Transactions on Internet Technology (TOIT)*, 15(4):16:1–16:??, December 2015. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Sun:2021:RRS

[SXZ+21] You Sun, Rui Xue, Rui Zhang, Qianqian Su, and Sheng Gao. RTChain: a reputation system with transaction and consensus incentives for e-commerce blockchain. *ACM Transactions on Internet Technology (TOIT)*, 21(1):15:1–15:24, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3430502.

Shen:2022:CDA

[SZT22] Chaonan Shen, Kai

Zhang, and Jinshan Tang. A COVID-19 detection algorithm using deep features and discrete social learning particle swarm optimization for edge computing devices. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 58:1–58:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3453170`.

Tajalizadehkhoob:2018:RAB

[TBG+18] Samaneh Tajalizadehkhoob, Rainer Böhme, Carlos Gañán, Maciej Korczyński, and Michel Van Eeten. Rotten apples or bad harvest? What we are measuring when we are measuring abuse. *ACM Transactions on Internet Technology (TOIT)*, 18 (4):49:1–49:??, November 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Taherkordi:2019:CDR

[TEMH19] Amir Taherkordi, Frank Eliassen, Michael Mcdonald, and Geir Horn. Context-driven and real-time provisioning of data-centric IoT services in the cloud. *ACM Transactions on Internet Technology (TOIT)*, 19(1): 7:1–7:??, March 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Tsai:2021:EHO

[TF21] Chun-Wei Tsai and Zhi-Yan Fang. An effective hyperparameter optimization algorithm for DNN to predict passengers at a metro station. *ACM Transactions on Internet Technology (TOIT)*, 21(2): 32:1–32:24, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3410156`.

Tsigkanos:2020:CDT

[TGBG20] Christos Tsigkanos, Martin Garriga, Luciano Baresi, and Carlo Ghezzi. Cloud deployment tradeoffs for the analysis of spatially distributed Internet of Things systems. *ACM Transactions on Internet Technology (TOIT)*, 20(2): 17:1–17:23, May 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3381452`.

Toch:2007:SAA

[TGRBD07] Eran Toch, Avigdor Gal, Iris Reinhartz-Berger,

and Dov Dori. A semantic approach to approximate service retrieval. *ACM Transactions on Internet Technology (TOIT)*, 8(1):2:1–2:??, November 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Thiemann:2005:EDS

[Thi05] Peter Thiemann. An embedded domain-specific language for type-safe server-side Web scripting. *ACM Transactions on Internet Technology (TOIT)*, 5(1):1–46, February 2005. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Tsoi:2006:CCP

[THS06] Ah Chung Tsoi, Markus Hagenbuchner, and Franco Scarselli. Computing customized page ranks. *ACM Transactions on Internet Technology (TOIT)*, 6(4):381–414, November 2006. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Tiwari:2022:SES

[TJGY22] Prayag Tiwari, Amit Kumar Jaiswal, Sahil Garg, and Ilsun You. SANTM: Efficient self-attention-driven network for text matching. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 55:1–55:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3426971`.

Tu:2008:NLA

[TJLC08] Xuping Tu, Hai Jin, Xiaofei Liao, and Jiannong Cao. Nearcast: a locality-aware P2P live streaming approach for distance education. *ACM Transactions on Internet Technology (TOIT)*, 8(2):2:1–2:??, February 2008. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Totok:2011:ESU

[TK11] Alexander Totok and Vijay Karamcheti. Exploiting service usage information for optimizing server resource management. *ACM Transactions on Internet Technology (TOIT)*, 11(1):1:1–1:??, July 2011. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Tyson:2012:JMP

[TMK+12] Gareth Tyson, Andreas Mauthe, Sebastian Kaune, Paul Grace, Adel Taweel, and Thomas Plagemann. Juno: a middleware

platform for supporting delivery-centric applications. *ACM Transactions on Internet Technology (TOIT)*, 12(2):4:1–4:??, December 2012. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Tedeschi:2022:OTF

[TNJJ22] Enrico Tedeschi, Tor-Arne S. Nordmo, Dag Johansen, and Håvard D. Johansen. On optimizing transaction fees in bitcoin using AI: Investigation on miners inclusion pattern. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 77:1–77:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3528669`.

Turner:2010:MBB

[TPK10] David Michael Turner, Vassilis Prevelakis, and Angelos D. Keromytis. A market-based bandwidth charging framework. *ACM Transactions on Internet Technology (TOIT)*, 10(1):1:1–1:??, February 2010. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Tian:2022:IBP

[TPQC22] Hui Tian, Fang Peng, Hanyu Quan, and Chin-Chen Chang. Identity-based public auditing for cloud storage of Internet-of-Vehicles data. *ACM Transactions on Internet Technology (TOIT)*, 22(4):88:1–88:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3433543`.

Tanveer:2021:LSL

[TSM21] M. Tanveer, S. Sharma, and K. Muhammad. Large-scale least squares twin SVMs. *ACM Transactions on Internet Technology (TOIT)*, 21(2): 29:1–29:19, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3398379`.

Trevisan:2023:ADE

[TSM+23] Martino Trevisan, Francesca Soro, Marco Mellia, Idilio Drago, and Ricardo Morla. Attacking DoH and ECH: Does server name encryption protect users' privacy? *ACM Transactions on Internet Technology (TOIT)*, 23(1):19:1–19:??, February 2023. CODEN

???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3570726`.

Tata:2019:GEI

[TSS19] Samir Tata, Quan Z. Sheng, and Eleni Stroulia. Guest Editors' introduction for special issue on service management for the Internet of Things. *ACM Transactions on Internet Technology (TOIT)*, 19(1): 6:1–6:??, March 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Tan:2021:BEA

[TSY+21] Liang Tan, Na Shi, Keping Yu, Moayad Aloqaily, and Yaser Jararweh. A blockchain-empowered access control framework for smart devices in green Internet of Things. *ACM Transactions on Internet Technology (TOIT)*, 21(3): 80:1–80:20, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3433542`.

Ullah:2022:IBC

[UNBAT22] Farhan Ullah, Muhammad Rashid Naeem, Abdullah S. Bajahzar, and Fadi Al-Turjman. IoT-based cloud service for secured Android markets using PDG-based deep learning classification. *ACM Transactions on Internet Technology (TOIT)*, 22(2): 40:1–40:17, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3418206`.

Ungureanu:2005:UCP

[Ung05] Victoria Ungureanu. Using certified policies to regulate E-commerce transactions. *ACM Transactions on Internet Technology (TOIT)*, 5(1): 129–153, February 2005. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Urgaonkar:2009:ROA

[USR09] Bhuvan Urgaonkar, Prashant Shenoy, and Timothy Roscoe. Resource overbooking and application profiling in a shared Internet hosting platform. *ACM Transactions on Internet Technology (TOIT)*, 9(1):1:1–1:??, February 2009. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ulusoy:2022:PPA

[UY22] Onuralp Ulusoy and Pinar Yolum. PANOLA: a personal assistant for supporting users in preserving privacy. *ACM Transactions on Internet Technology (TOIT)*, 22(1):27:1–27:32, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3471187`.

Vaidya:2025:E

[Vai25] Jaideep Vaidya. Editorial. *ACM Transactions on Internet Technology (TOIT)*, 25(1):1:1–1:??, February 2025. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Weth:2017:CPS

[VAK17] Christian Von Der Weth, Ashraf M. Abdul, and Mohan Kankanhalli. Cyber-physical social networks. *ACM Transactions on Internet Technology (TOIT)*, 17(2):17:1–17:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

VonDerWeth:2019:CCD

[VAKK19] Christian Von Der Weth, Ashraf Abdul, Abhinav R. Kashyap, and Mohan S. Kankanhalli. CloseUp — a community-driven live online search engine. *ACM Transactions on Internet Technology (TOIT)*, 19(3): 39:1–39:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

VanEngelen:2008:FSO

[Van08] Robert A. Van Engelen. A framework for service-oriented computing with C and C++ Web service components. *ACM Transactions on Internet Technology (TOIT)*, 8(3): 12:1–12:??, May 2008. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Varshney:2003:LMM

[Var03] Upkar Varshney. Location management for mobile commerce applications in wireless Internet environment. *ACM Transactions on Internet Technology (TOIT)*, 3(3): 236–255, August 2003. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Vassalos:2005:C

[Vas05] Vasilis Vassalos. Corrigenda. *ACM Transactions on Internet Technology (TOIT)*, 5(3):570, August 2005. CODEN

???? ISSN 1533-5399 (print), 1557-6051 (electronic). Address correction for [PPV05].

Vali:2024:RRC

[VAS24] Ali Akbar Vali, Sadoon Azizi, and Mohammad Shojafar. RESP: a recursive clustering approach for edge server placement in mobile edge computing. *ACM Transactions on Internet Technology (TOIT)*, 24(3): 13:1–13:??, 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3666091`.

Vasconcelos:2019:CFM

[VASD19] D. R. Vasconcelos, R. M. C. Andrade, V. Severino, and J. N. De Souza. Cloud, fog, or mist in IoT? That is the question. *ACM Transactions on Internet Technology (TOIT)*, 19(2): 25:1–25:??, April 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3309709`.

Verde:2022:DLA

[VBD+22] Laura Verde, Nadia Brancati, Giuseppe De Pietro, Maria Frucci, and Giovanna Sannino. A deep learning approach for voice disorder detection for smart connected living environments. *ACM Transactions on Internet Technology (TOIT)*, 22(1): 8:1–8:16, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3433993`.

vanderAalst:2008:CCS

[vdADO+08] Wil M. P. van der Aalst, Marlon Dumas, Chun Ouyang, Anne Rozinat, and Eric Verbeek. Conformance checking of service behavior. *ACM Transactions on Internet Technology (TOIT)*, 8 (3):13:1–13:??, May 2008. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Verdiesen:2018:MMA

[VDV18] Ilse Verdiesen, Virginia Dignum, and Jeroen Van Den Hoven. Measuring moral acceptability in e-deliberation: a practical application of ethics by participation. *ACM Transactions on Internet Technology (TOIT)*, 18 (4):43:1–43:??, November 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Vosecky:2014:ISA

[VJL+14] Jan Vosecky, Di Jiang, Kenneth Wai-Ting Leung, Kai Xing, and Wilfred Ng. Integrating social and auxiliary semantics for multifaceted topic modeling in Twitter. *ACM Transactions on Internet Technology (TOIT)*, 14 (4):27:1–27:??, December 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Villela:2007:PSA

[VPR07] Daniel Villela, Prashant Pradhan, and Dan Rubenstein. Provisioning servers in the application tier for e-commerce systems. *ACM Transactions on Internet Technology (TOIT)*, 7(1):7:1–7:??, February 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Vogler:2016:SFP

[VSID16] Michael Vögler, Johannes M. Schleicher, Christian Inzinger, and Schahram Dustdar. A scalable framework for provisioning large-scale IoT deployments. *ACM Transactions on Internet Technology (TOIT)*, 16(2):11:1–11:??, April 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Vargas-Solar:2022:GHE

[VSKEOZM22] Genoveva Vargas-Solar, Maysaa Khalil, Javier A. Espinosa-Oviedo, and José-Luis Zechinelli-Martini. GREENHOME: a household energy consumption and CO_2 footprint metering environment. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 72:1–72:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3505264`.

Wang:2017:RTT

[WARCD17] Di Wang, Ahmad Al-Rubaie, Sandra Stinčić Clarke, and John Davies. Real-time traffic event detection from social media. *ACM Transactions on Internet Technology (TOIT)*, 18(1):9:1–9:??, December 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Wang:2020:ESF

[WCC20] Meng Wang, Bo Cheng, and Junliang Chen. An efficient service function chaining placement algorithm in mobile edge computing. *ACM Trans-*

actions on Internet Technology (TOIT), 20(4): 32:1–32:21, November 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3388241`.

Wang:2023:BEB

[WCX+23] Jin Wang, Jiahao Chen, Neal Xiong, Osama Alfarraj, Amr Tolba, and Yongjun Ren. S-BDS: an effective blockchain-based data storage scheme in zero-trust IoT. *ACM Transactions on Internet Technology (TOIT)*, 23(3):42:1–42:??, August 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3511902`.

Wu:2023:DTI

[WCY+23] Yirui Wu, Hao Cao, Guoqiang Yang, Tong Lu, and Shaohua Wan. Digital twin of intelligent small surface defect detection with cyber-manufacturing systems. *ACM Transactions on Internet Technology (TOIT)*, 23(4):51:1–51:??, November 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3571734`.

Wang:2021:MGC

[WCZ+21] Wei Wang, Junyang Chen, Yushu Zhang, Zhiguo Gong, Neeraj Kumar, and Wei Wei. A multi-graph convolutional network framework for tourist flow prediction. *ACM Transactions on Internet Technology (TOIT)*, 21(4): 106:1–106:13, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3424220`.

Wan:2024:OED

[WCZ+24] Zelin Wan, Jin-Hee Cho, Mu Zhu, Ahmed Anwar, Charles Kamhoua, and Munindar Singh. Optimizing effectiveness and defense of drone surveillance missions via honey drones. *ACM Transactions on Internet Technology (TOIT)*, 24(4):22:1–22:??, November 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3701233`.

Wu:2024:OSD

[WDK+24] Jiashu Wu, Hao Dai, Kenneth B. Kent, Jerome Yen, Chengzhong Xu, and Yang Wang. Open set dandelion network

for IoT intrusion detection. *ACM Transactions on Internet Technology (TOIT)*, 24(1):4:1–4:??, February 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3639822`.

Weber:2017:FAI

[Web17] Steven Weber. Facilitating adoption of Internet technologies and services with externalities via cost subsidization. *ACM Transactions on Internet Technology (TOIT)*, 17 (4):38:1–38:??, September 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Wilkin:2014:DFT

[WEJ14] Gregory Aaron Wilkin, Patrick Eugster, and K. R. Jayaram. Decentralized fault-tolerant event correlation. *ACM Transactions on Internet Technology (TOIT)*, 14 (1):5:1–5:??, July 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Wu:2020:EIM

[WFZ+20] Xudong Wu, Luoyi Fu, Zixin Zhang, Huan Long, Jingfan Meng, Xinbing Wang, and Guihai Chen. Evolving influence maximization in evolving networks. *ACM Transactions on Internet Technology (TOIT)*, 20(4): 40:1–40:31, November 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3409370`.

Wazid:2023:BEN

[WG23] Mohammad Wazid and Prosanta Gope. BACKM-EHA: a novel blockchain-enabled security solution for IoMT-based e-healthcare applications. *ACM Transactions on Internet Technology (TOIT)*, 23(3):39:1–39:??, August 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3511898`.

Wang:2024:EVF

[WGW+24] Zichen Wang, Xiangshan Gao, Cong Wang, Peng Cheng, and Jiming Chen. Efficient vertical federated unlearning via fast retraining. *ACM Transactions on Internet Technology (TOIT)*, 24(2): 11:1–11:??, May 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3657290`.

Wu:2022:IDD

[WHM+22] Chao Wu, Shingo Horiuchi, Kenji Murase, Hiroaki Kikushima, and Kenichi Tayama. An intent-driven DaaS management framework to enhance user quality of experience. *ACM Transactions on Internet Technology (TOIT)*, 22(4):98:1–98:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3488586`.

Williamson:2002:FEW

[Wil02] Carey Williamson. On filter effects in web caching hierarchies. *ACM Transactions on Internet Technology (TOIT)*, 2(1):47–77, February 2002. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Wang:2022:IGL

[WJL+22] Jingjing Wang, Wenjun Jiang, Kenli Li, Guojun Wang, and Keqin Li. Incremental group-level popularity prediction in online social networks. *ACM Transactions on Internet Technology (TOIT)*, 22(1):20:1–20:26, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3461839`.

Willnecker:2018:MOO

[WK18] Felix Willnecker and Helmut Krcmar. Multi-objective optimization of deployment topologies for distributed applications. *ACM Transactions on Internet Technology (TOIT)*, 18(2):21:1–21:??, March 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Wong:2007:AWI

[WL07] Tak-Lam Wong and Wai Lam. Adapting Web information extraction knowledge via mining site-invariant and site-dependent features. *ACM Transactions on Internet Technology (TOIT)*, 7(1):6:1–6:??, February 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Wang:2023:MAR

[WL23] Yu-Jhen Wang and Anthony J. T. Lee. Movie account recommendation on Instagram. *ACM Transactions on Internet Technology (TOIT)*, 23(1):23:1–23:??, February 2023. CODEN ???? ISSN 1533-5399

(print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3579852.

Wang:2022:NTN

[WLB22] Changda Wang, Xiaowei Li, and Elisa Bertino. Network temperature: a novel statistical index for networks measurement and management. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 66:1–66:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3511093.

Wang:2025:OWS

[WLD+25] Jiajun Wang, Pengfei Lin, Xingjian Ding, Jianxiong Guo, Zhiqing Tang, Deying Li, and Weili Wu. Online worker scheduling for maximizing long-term utility in crowdsourcing with unknown quality. *ACM Transactions on Internet Technology (TOIT)*, 25(1):4:1–4:??, February 2025. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Wang:2013:WAM

[WLL+13] Meng Wang, Guangda Li, Zheng Lu, Yue Gao, and Tat-Seng Chua. When Amazon meets Google: Product visualization by exploring multiple Web sources. *ACM Transactions on Internet Technology (TOIT)*, 12(4): 12:1–12:??, July 2013. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Wang:2023:PAT

[WLW+23] Fan Wang, Guangshun Li, Yilei Wang, Wajid Rafique, Mohammad R. Khosravi, Guanfeng Liu, Yuwen Liu, and Lianyong Qi. Privacy-aware traffic flow prediction based on multi-party sensor data with zero trust in Smart City. *ACM Transactions on Internet Technology (TOIT)*, 23(3): 44:1–44:??, August 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3511904.

Wang:2021:BBP

[WMG+21] Hao Wang, Shenglan Ma, Chaonian Guo, Yulei Wu, Hong-Ning Dai, and Di Wu. Blockchain-based power energy trading management. *ACM Transactions on Internet Technology (TOIT)*, 21(2):43:1–43:16, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-

6051 (electronic). URL https://dl.acm.org/doi/10.1145/3409771.

Wu:2022:ATT

[WMW+22] Tingmin Wu, Wanlun Ma, Sheng Wen, Xin Xia, Cecile Paris, Surya Nepal, and Yang Xiang. Analysis of trending topics and text-based channels of information delivery in cybersecurity. *ACM Transactions on Internet Technology (TOIT)*, 22(2): 52:1–52:27, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3483332.

Wang:2020:ELE

[WMWM20] Shuo Wang, Aishan Maoliniyazi, Xinle Wu, and Xiaofeng Meng. Emo2Vec: Learning emotional embeddings via multi-emotion category. *ACM Transactions on Internet Technology (TOIT)*, 20(2): 13:1–13:17, May 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/abs/10.1145/3372152.

Wang:2022:DLB

[WNN+22] Xiaojie Wang, Laisen Nie, Zhaolong Ning, Lei Guo, Guoyin Wang, Xinbo Gao, and Neeraj Kumar. Deep learning-based network traffic prediction for secure backbone networks in Internet of Vehicles. *ACM Transactions on Internet Technology (TOIT)*, 22(4):87:1–87:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3433548.

Wang:2019:BCB

[WQC+19] Kai Wang, Wei Quan, Nan Cheng, Mingyuan Liu, Yu Liu, and H. Anthony Chan. Betweenness centrality based software defined routing: Observation from practical Internet datasets. *ACM Transactions on Internet Technology (TOIT)*, 19(4):50:1–50:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3355605.

Waldman:2001:ARP

[WRC01] Marc Waldman, Aviel D. Rubin, and Lorrie Faith Cranor. The architecture of robust publishing systems. *ACM Transactions on Internet Technology (TOIT)*, 1(2):199–

230, November 2001. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Wei:2021:SSA

[WRWM21] Wei Wei, Ammar Rayes, Wei Wang, and Yiduo Mei. Special section on AI-empowered Internet of Things for smart cities. *ACM Transactions on Internet Technology (TOIT)*, 21(3):64:1–64:3, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3460868`.

Wachsmuth:2017:UMD

[WS17] Henning Wachsmuth and Benno Stein. A universal model for discourse-level argumentation analysis. *ACM Transactions on Internet Technology (TOIT)*, 17(3): 28:1–28:??, July 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Wu:2021:MTA

[WSLT21] Jimmy Ming-Tai Wu, Gautam Srivastava, Jerry Chun-Wei Lin, and Qian Teng. A multi-threshold ant colony system-based sanitization model in shared medical environments. *ACM Transactions on Internet Technology (TOIT)*, 21(2): 49:1–49:26, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3408296`.

Wu:2021:NRT

[WSM21] Di Wu, Wei Shi, and Xiangyu Ma. A novel real-time anti-spam framework. *ACM Transactions on Internet Technology (TOIT)*, 21(4):88:1–88:27, November 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3423153`.

Wu:2021:EMS

[WTS+21] Jimmy Ming-Tai Wu, Qian Teng, Gautam Srivastava, Matin Pirouz, and Jerry Chun-Wei Lin. The efficient mining of skyline patterns from a volunteer computing network. *ACM Transactions on Internet Technology (TOIT)*, 21(4): 89:1–89:20, July 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3423557`.

Weiss:2021:PQM

[WVHTK21] Iris Weiss, Birgit Vogel-Heuser, Emanuel Trun-

zer, and Simon Kruppa. Product quality monitoring in hydraulic presses using a minimal sample of sensor and actuator data. *ACM Transactions on Internet Technology (TOIT)*, 21(2): 37:1–37:23, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3436238`.

Wang:2022:NBF

[WWJ+22] Derui Wang, Sheng Wen, Alireza Jolfaei, Mohammad Sayad Haghighi, Surya Nepal, and Yang Xiang. On the neural backdoor of federated generative models in edge computing. *ACM Transactions on Internet Technology (TOIT)*, 22(2): 43:1–43:21, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3425662`.

Wang:2023:HSF

[WWZ+23] Hucheng Wang, Zhi Wang, Lei Zhang, Xiaonan Luo, and Xinheng Wang. A highly stable fusion positioning system of smartphone under NLoS acoustic indoor environment. *ACM Transactions on Internet Technology (TOIT)*, 23 (2):30:1–30:??, May 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3589765`.

Wolf:2001:BLC

[WY01] Joel L. Wolf and Philip S. Yu. On balancing the load in a clustered web farm. *ACM Transactions on Internet Technology (TOIT)*, 1(2):231–261, November 2001. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Wu:2023:FSM

[WYC+23] Feijie Wu, Ho Yin Yuen, Henry Chan, Victor C. M. Leung, and Wei Cai. Facilitating serverless match-based online games with novel blockchain technologies. *ACM Transactions on Internet Technology (TOIT)*, 23(1): 10:1–10:??, February 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3565884`.

Wang:2021:FPP

[WZB+21] Tao Wang, Zhigao Zheng, Ali Kashif Bashir, Alireza Jolfaei, and Yanyan Xu. FinPrivacy: a privacy-preserving mechanism

for fingerprint identification. *ACM Transactions on Internet Technology (TOIT)*, 21(3): 56:1–56:15, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3387130`.

Wang:2019:MTR

[WZKP19] Qingyang Wang, Shungeng Zhang, Yasuhiko Kanemasa, and Calton Pu. Mitigating tail response time of n-tier applications: The impact of asynchronous invocations. *ACM Transactions on Internet Technology (TOIT)*, 19(3): 36:1–36:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3340462`.

Wang:2024:MPF

[WZZ24] Jian Wang, Delei Zhao, and Guosheng Zhao. Malicious participants and fake task detection incorporating Gaussian bias. *ACM Transactions on Internet Technology (TOIT)*, 24(4):19:1–19:??, November 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3696419`.

Xiong:2007:PDP

[XCL07] Li Xiong, Subramanyam Chitti, and Ling Liu. Preserving data privacy in outsourcing data aggregation services. *ACM Transactions on Internet Technology (TOIT)*, 7(3): 17:1–17:??, August 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Xiao:2022:PTP

[XCRY22] Song Xiao, Kai Chen, Xiaoxiang Ren, and Haitao Yuan. Pedestrian trajectory prediction in heterogeneous traffic using facial keypoints-based convolutional encoder-decoder network. *ACM Transactions on Internet Technology (TOIT)*, 22(4):83:1–83:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3410444`.

Xiao:2023:UFT

[XFL+23] Wenhua Xiao, Xudong Fang, Bixin Liu, Ji Wang, and Xiaomin Zhu. UNION: Fault-tolerant cooperative computing in opportunistic mobile edge cloud. *ACM Transac-*

tions on Internet Technology (TOIT), 23(4): 59:1–59:??, November 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3617994`.

Xu:2022:NQD

[XIS22] Lanyu Xu, Arun Iyengar, and Weisong Shi. NLU-Broker: a QoE-driven broker system for natural language understanding services. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 69:1–69:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3497807`.

Xu:2020:TTT

[XJ20] Runhua Xu and James Joshi. Trustworthy and transparent third-party authority. *ACM Transactions on Internet Technology (TOIT)*, 20(4):31:1–31:23, November 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3386262`.

Xie:2020:RLA

[XLL20] Hong Xie, Yongkun Li, and John C. S. Lui. A reinforcement learning approach to optimize discount and reputation tradeoffs in e-commerce systems. *ACM Transactions on Internet Technology (TOIT)*, 20(4):37:1–37:26, November 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3400024`.

Xu:2017:CBD

[XM17] Zhen Xu and James Miller. Cross-browser differences detection based on an empirical metric for Web page visual similarity. *ACM Transactions on Internet Technology (TOIT)*, 18(3): 34:1–34:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Xu:2023:MSC

[XSSD23] Yibin Xu, Jianhua Shao, Tijs Slaats, and Boris Düdder. MWPoW+: a strong consensus protocol for intra-shard consensus in blockchain sharding. *ACM Transactions on Internet Technology (TOIT)*, 23(2): 34:1–34:??, May 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https:`

//dl.acm.org/doi/10.1145/3584020.

Xu:2022:EDN

[XSW+22] Minxian Xu, Chenghao Song, Huaming Wu, Sukhpal Singh Gill, Kejiang Ye, and Chengzhong Xu. esDNN: Deep neural network based multivariate workload prediction in cloud computing environments. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 75:1–75:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3524114.

Xie:2018:ISI

[XvHWW18] Tao Xie, Andre van Hoorn, Huaimin Wang, and Ingo Weber. Introduction to the special issue on emerging software technologies for Internet-based systems: Internetware and DevOps. *ACM Transactions on Internet Technology (TOIT)*, 18(2):13:1–13:??, March 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Xie:2019:PYS

[XWML19] Hong Xie, Weijie Wu, Richard T. B. Ma, and John C. S. Lui. Pay as your service needs: an application-driven pricing approach for the Internet economics. *ACM Transactions on Internet Technology (TOIT)*, 19(4):52:1–52:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3361148.

Xia:2022:CIP

[XZG+22] Zhuoqun Xia, Lingxuan Zeng, Ke Gu, Xiong Li, and Weijia Jia. Conditional identity privacy-preserving authentication scheme based on cooperation of multiple fog servers under fog computing-based IoVs. *ACM Transactions on Internet Technology (TOIT)*, 22(4):107:1–107:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL https://dl.acm.org/doi/10.1145/3538381.

Xia:2022:ISS

[XZJO22] Kaijian Xia, Wenbing Zhao, Alireza Jolfaei, and Tamer Ozsu. Introduction to the special section on edge/fog computing for infectious disease intelligence. *ACM Transactions on Internet Technology (TOIT)*, 22(3):

63:1–63:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3494119`.

Xu:2021:CPB

[XZY+21] Xiaolong Xu, Dawei Zhu, Xiaoxian Yang, Shuo Wang, Lianyong Qi, and Wanchun Dou. Concurrent practical Byzantine fault tolerance for integration of blockchain and supply chain. *ACM Transactions on Internet Technology (TOIT)*, 21(1):7:1–7:17, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3395331`.

Xue:2008:IWS

[XZZ08] Xiao-Bing Xue, Zhi-Hua Zhou, and Zhongfei (Mark) Zhang. Improving Web search using image snippets. *ACM Transactions on Internet Technology (TOIT)*, 8(4):21:1–21:??, September 2008. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Yin:2002:EWC

[YADI02] Jian Yin, Lorenzo Alvisi, Mike Dahlin, and Arun Iyengar. Engineering web cache consistency. *ACM Transactions on Internet Technology (TOIT)*, 2(3): 224–259, August 2002. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Yoshikawa:2001:XPB

[YASU01] Masatoshi Yoshikawa, Toshiyuki Amagasa, Takeyuki Shimura, and Shunsuke Uemura. XRel: a path-based approach to storage and retrieval of XML documents using relational databases. *ACM Transactions on Internet Technology (TOIT)*, 1(1): 110–141, August 2001. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Yus:2022:SES

[YBMV22] Roberto Yus, Georgios Bouloukakis, Sharad Mehrotra, and Nalini Venkatasubramanian. The SemIoTic ecosystem: a semantic bridge between IoT devices and smart spaces. *ACM Transactions on Internet Technology (TOIT)*, 22(3): 76:1–76:??, August 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3527241`.

Yousfi:2019:ABP

[YBW19] Alaaeddine Yousfi, Kimon Batoulis, and Mathias Weske. Achieving business process improvement via ubiquitous decision-aware business processes. *ACM Transactions on Internet Technology (TOIT)*, 19(1): 14:1–14:??, March 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ye:2014:EMD

[YBZ14] Zhen Ye, Athman Bouguettaya, and Xiaofang Zhou. Economic model-driven cloud service composition. *ACM Transactions on Internet Technology (TOIT)*, 14(2–3):20:1–20:??, October 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Yang:2018:GTM

[YC18] Zhi Yang and Wei Chen. A game theoretic model for the formation of navigable small-world networks-the tradeoff between distance and reciprocity. *ACM Transactions on Internet Technology (TOIT)*, 18(4): 56:1–56:??, November 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Yuksel:2017:BBH

[YCC17] Beste F. Yuksel, Penny Collisson, and Mary Czerwinski. Brains or beauty: How to engender trust in user-agent interactions. *ACM Transactions on Internet Technology (TOIT)*, 17(1): 2:1–2:??, March 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Yi:2022:ISI

[YCH+22] Haibo Yi, Ruinan Chi, Xin Huang, Xuejun Cai, and Zhe Nie. Improving security of Internet of Vehicles based on post-quantum signatures with systolic divisions. *ACM Transactions on Internet Technology (TOIT)*, 22(4):82:1–82:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3410445`.

Yuan:2013:PVQ

[YCM+13] Lihua Yuan, Chao-Chih Chen, Prasant Mohapatra, Chen-Nee Chuah, and Krishna Kant. A proxy view of quality of Domain Name Service, poisoning attacks and survival strategies. *ACM Transactions on Internet Technology (TOIT)*, 12

(3):9:1–9:??, May 2013. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Yue:2021:PPT

[YDZ+21] Zijie Yue, Shuai Ding, Lei Zhao, Youtao Zhang, Zehong Cao, M. Tanveer, Alireza Jolfaei, and Xi Zheng. Privacy-preserving time-series medical images analysis using a hybrid deep learning framework. *ACM Transactions on Internet Technology (TOIT)*, 21(3):57:1–57:21, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3383779`.

Yan:2022:CFC

[YJL+22] Hongyang Yan, Nan Jiang, Kang Li, Yilei Wang, and Guoyu Yang. Collusion-free for cloud verification toward the view of game theory. *ACM Transactions on Internet Technology (TOIT)*, 22(2):33:1–33:21, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3423558`.

Yuan:2022:AFG

[YLC+22] Yali Yuan, Chencheng Liang, Xu Chen, Thar Baker, and Xiaoming Fu. Adaptive fuzzy game-based energy-efficient localization in 3D underwater sensor networks. *ACM Transactions on Internet Technology (TOIT)*, 22(2):29:1–29:20, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3406533`.

Yu:2024:SUC

[YLCH24] Keyang Yu, Qi Li, Dong Chen, and Liting Hu. Safeguarding user-centric privacy in smart homes. *ACM Transactions on Internet Technology (TOIT)*, 24(4):23:1–23:??, November 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3701726`.

Yang:2017:DSC

[YLL+17] Zhenguo Yang, Qing Li, Zheng Lu, Yun Ma, Zhiguo Gong, and Wenyin Liu. Dual structure constrained multimodal feature coding for social event detection from Flickr data. *ACM Transactions on Internet Technology (TOIT)*, 17(2):19:1–19:??, May 2017. CODEN ???? ISSN 1533-

5399 (print), 1557-6051 (electronic).

Yang:2023:III

[YLM+23] Li Yang, Xi Li, Zhuoru Ma, Lu Li, Neal Xiong, and Jianfeng Ma. IRGA: an intelligent implicit real-time gait authentication system in heterogeneous complex scenarios. *ACM Transactions on Internet Technology (TOIT)*, 23(2): 35:1–35:??, May 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3594538`.

Yuan:2021:DMS

[YLZ+21] Bin Yuan, Chen Lin, Deqing Zou, Laurence Tianruo Yang, and Hai Jin. Detecting malicious switches for a secure software-defined tactile Internet. *ACM Transactions on Internet Technology (TOIT)*, 21(4):84:1–84:23, November 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3415146`.

Yang:2023:PCS

[YMY+23] Fanyi Yang, Huifang Ma, Cairui Yan, Zhixin Li, and Liang Chang. Polarized communities search via co-guided random walk in attributed signed networks. *ACM Transactions on Internet Technology (TOIT)*, 23(4):58:1–58:??, November 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3613449`.

Yan:2021:SCD

[YPFY21] Zheng Yan, Li Peng, Wei Feng, and Laurence T. Yang. Socialchain: Decentralized trust evaluation based on blockchain in pervasive social networking. *ACM Transactions on Internet Technology (TOIT)*, 21(1):17:1–17:28, February 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3419102`.

Yao:2016:TIR

[YSNL16] Lina Yao, Quan Z. Sheng, Anne H. H. Ngu, and Xue Li. Things of interest recommendation by leveraging heterogeneous relations in the Internet of Things. *ACM Transactions on Internet Technology (TOIT)*, 16 (2):9:1–9:??, April 2016. CODEN ???? ISSN 1533-

5399 (print), 1557-6051 (electronic).

Yao:2017:CLR

[YSW+17] Lina Yao, Quan Z. Sheng, Xianzhi Wang, Wei Emma Zhang, and Yongrui Qin. Collaborative location recommendation by integrating multi-dimensional contextual information. *ACM Transactions on Internet Technology (TOIT)*, 18(3):32:1–32:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Yang:2022:FPP

[YSZ+22] Huijie Yang, Jian Shen, Tianqi Zhou, Sai Ji, and Pandi Vijayakumar. A flexible and privacy-preserving collaborative filtering scheme in cloud computing for VANETs. *ACM Transactions on Internet Technology (TOIT)*, 22(2):44:1–44:19, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3425708`.

Yadav:2022:LIN

[YV22] Ashima Yadav and Dinesh Kumar Vishwakarma. A language-independent network to analyze the impact of COVID-19 on the world via sentiment analysis. *ACM Transactions on Internet Technology (TOIT)*, 22(1):28:1–28:30, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3475867`.

Yue:2010:BTP

[YW10] Chuan Yue and Haining Wang. BogusBiter: a transparent protection against phishing attacks. *ACM Transactions on Internet Technology (TOIT)*, 10(2):6:1–6:??, May 2010. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Ye:2019:PBS

[YWML19] Li Ye, Weijie Wu, Richard T. B. Ma, and John C. S. Lui. On the profitability of bundling sale strategy for online service markets with network effects. *ACM Transactions on Internet Technology (TOIT)*, 19(3):31:1–31:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3277667`.

Yin:2021:LDA

[YXL+21] Yuyu Yin, Haoran Xu, Tingting Liang, Manman

Chen, Honghao Gao, and Antonella Longo. Leveraging data augmentation for service QoS prediction in cyber-physical systems. *ACM Transactions on Internet Technology (TOIT)*, 21(2): 35:1–35:25, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3425795`.

Yang:2018:IVA

[YXP+18] Wenhua Yang, Chang Xu, Minxue Pan, Xiaoxing Ma, and Jian Lu. Improving verification accuracy of CPS by modeling and calibrating interaction uncertainty. *ACM Transactions on Internet Technology (TOIT)*, 18(2):20:1–20:??, March 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Yu:2019:FGE

[YYM+19] Zhiwen Yu, Fei Yi, Chao Ma, Zhu Wang, Bin Guo, and Liming Chen. Fine-grained emotion role detection based on retweet information. *ACM Transactions on Internet Technology (TOIT)*, 19 (1):1:1–1:??, March 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Yang:2024:ATA

[YZL+24] Xuezheng Yang, Zhiwen Zeng, Anfeng Liu, Neal N. Xiong, and Shaobo Zhang. ADTO: a trust active detecting-based task offloading scheme in edge computing for Internet of Things. *ACM Transactions on Internet Technology (TOIT)*, 24(1): 5:1–5:??, February 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3640013`.

Yang:2014:SMU

[YZY+14] Dingqi Yang, Daqing Zhang, Zhiyong Yu, Zhiwen Yu, and Djamal Zeghlache. SESAME: Mining user digital footprints for fine-grained preference-aware social media search. *ACM Transactions on Internet Technology (TOIT)*, 14 (4):28:1–28:??, December 2014. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Zhong:2020:CEC

[ZB20] Zhiheng Zhong and Rajkumar Buyya. A cost-efficient container orchestration strategy in Kubernetes-based cloud computing infrastructures with heterogeneous

resources. *ACM Transactions on Internet Technology (TOIT)*, 20(2): 15:1–15:24, May 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/abs/10.1145/3378447`.

Zhang:2019:ISS

[ZBF+19] Jie Zhang, Jamal Bentahar, Rino Falcone, Timothy J. Norman, and Murat Sensoy. Introduction to the special section on trust and AI. *ACM Transactions on Internet Technology (TOIT)*, 19(4):44:1–44:??, November 2019. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/ft_gateway.cfm?id=3365675`.

Zhou:2018:OAT

[ZDCB18] Bowen Zhou, Amir Vahid Dastjerdi, Rodrigo N. Calheiros, and Rajkumar Buyya. An online algorithm for task offloading in heterogeneous mobile clouds. *ACM Transactions on Internet Technology (TOIT)*, 18(2): 23:1–23:??, March 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Zdun:2008:PBD

[Zdu08] Uwe Zdun. Pattern-based design of a service-oriented middleware for remote object federations. *ACM Transactions on Internet Technology (TOIT)*, 8(3):15:1–15:??, May 2008. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Zaeem:2018:PAS

[ZGB18] Razieh Nokhbeh Zaeem, Rachel L. German, and K. Suzanne Barber. PrivacyCheck: Automatic summarization of privacy policies using data mining. *ACM Transactions on Internet Technology (TOIT)*, 18(4): 53:1–53:??, November 2018. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Zhang:2023:PRS

[ZGD23] Wenzhao Zhang, Yi Gao, and Wei Dong. Providing realtime support for containerized edge services. *ACM Transactions on Internet Technology (TOIT)*, 23(4):56:1–56:??, November 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3617123`.

Zhang:2023:FSN

[ZGF+23] Chong Zhang, Qiang Guo, Luoyi Fu, Jiaxin

Ding, Xinde Cao, Fei Long, Xinbing Wang, and Chenghu Zhou. Finding the source in networks: an approach based on structural entropy. *ACM Transactions on Internet Technology (TOIT)*, 23(1):17:1–17:??, February 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3568309`.

Zhou:2009:UFC

[ZH09] Duanning Zhou and Wayne Wei Huang. Using a fuzzy classification approach to assess e-commerce Web sites: an empirical investigation. *ACM Transactions on Internet Technology (TOIT)*, 9(3):12:1–12:??, July 2009. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Zhou:2007:SAH

[ZHDD07] Jing Zhou, Wendy Hall, David C. De Roure, and Vijay K. Dialani. Supporting ad-hoc resource sharing on the Web: a peer-to-peer approach to hypermedia link services. *ACM Transactions on Internet Technology (TOIT)*, 7(2):11:1–11:??, May 2007. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Zhu:2004:PMC

[ZHH04] Jianhan Zhu, Jun Hong, and John G. Hughes. PageCluster: Mining conceptual link hierarchies from Web log files for adaptive Web site navigation. *ACM Transactions on Internet Technology (TOIT)*, 4(2):185–208, May 2004. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Zhang:2016:TAD

[ZHL+16] Peng Zhang, Jing He, Guodong Long, Guangyan Huang, and Chengqi Zhang. Towards anomalous diffusion sources detection in a large network. *ACM Transactions on Internet Technology (TOIT)*, 16(1):2:1–2:??, February 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Zhuang:2015:PBM

[ZJL+15] Yi Zhuang, Nan Jiang, Qing Li, Lei Chen, and Chunhua Ju. Progressive batch medical image retrieval processing in mobile wireless networks. *ACM Transactions on Internet Technology (TOIT)*, 15 (3):9:1–9:??, September 2015. CODEN ???? ISSN

1533-5399 (print), 1557-6051 (electronic).

Zhang:2021:EDU

[ZJQ+21] Yuanpeng Zhang, Yizhang Jiang, Lianyong Qi, Md Zakirul Alam Bhuiyan, and Pengjiang Qian. Epilepsy diagnosis using multi-view & multi-medoid entropy-based clustering with privacy protection. *ACM Transactions on Internet Technology (TOIT)*, 21(2): 48:1–48:21, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3404893`.

Zendehdel:2022:ASA

[ZKC+22] Ghazale Amel Zendehdel, Ratinder Kaur, Inderpreet Chopra, Natalia Stakhanova, and Erik Scheme. Automated security assessment framework for wearable BLE-enabled health monitoring devices. *ACM Transactions on Internet Technology (TOIT)*, 22(1):14:1–14:31, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3448649`.

Zabolotnyi:2015:JCG

[ZLHD15] Rostyslav Zabolotnyi, Philipp Leitner, Waldemar Hummer, and Schahram Dustdar. JCloudScale: Closing the gap between IaaS and PaaS. *ACM Transactions on Internet Technology (TOIT)*, 15 (3):10:1–10:??, September 2015. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Zhou:2020:ICF

[ZLL+20] Yang Zhou, Ling Liu, Kisung Lee, Balaji Palanisamy, and Qi Zhang. Improving collaborative filtering with social influence over heterogeneous information networks. *ACM Transactions on Internet Technology (TOIT)*, 20(4):36:1–36:29, November 2020. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3397505`.

Zheng:2022:ESP

[ZLS+22] Xiao Zheng, Mingchu Li, Syed Bilal Hussain Shah, Dinh-Thuan Do, Yuanfang Chen, Constandinos X. Mavromoustakis, George Mastorakis, and Evangelos Pallis. Enhancing security-problem-based deep learning in mobile edge computing. *ACM Transactions on Inter-*

net Technology (TOIT), 22(2):49:1–49:15, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3458931`.

Zhang:2024:FCE

[ZLT24] Wenjun Zhang, Xiaoli Liu, and Sasu Tarkoma. FedGK: Communication-efficient federated learning through group-guided knowledge distillation. *ACM Transactions on Internet Technology (TOIT)*, 24(4):25:1–25:??, November 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3674973`.

Zeng:2023:FRL

[ZLZ+23] Man Zeng, Dandan Li, Pei Zhang, Kun Xie, and Xiaohong Huang. Federated route leak detection in inter-domain routing with privacy guarantee. *ACM Transactions on Internet Technology (TOIT)*, 23(1):12:1–12:??, February 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3561051`.

Zhou:2022:PRS

[ZMGW22] Ao Zhou, Xiao Ma, Siyi Gao, and Shangguang Wang. Providing reliable service for parked-vehicle-assisted mobile edge computing. *ACM Transactions on Internet Technology (TOIT)*, 22(4):91:1–91:??, November 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3514242`.

Zhang:2023:SLS

[ZMT+23] Yazhou Zhang, Dan Ma, Prayag Tiwari, Chen Zhang, Mehedi Masud, Mohammad Shorfuzzaman, and Dawei Song. Stance-level sarcasm detection with BERT and stance-centered graph attention networks. *ACM Transactions on Internet Technology (TOIT)*, 23(2):27:1–27:??, May 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3533430`.

Zhan:2011:ADD

[ZOC11] Justin Zhan, B. John Oommen, and Johanna Crisostomo. Anomaly detection in dynamic systems using weak estimators. *ACM Transactions on Internet Technology (TOIT)*, 11(1):3:1–3:??, July 2011. CODEN ????

ISSN 1533-5399 (print), 1557-6051 (electronic).

Zhang:2017:DDP

[ZSL+17] Wei Emma Zhang, Quan Z. Sheng, Jey Han Lau, Ermyas Abebe, and Wenjie Ruan. Duplicate detection in programming question answering communities. *ACM Transactions on Internet Technology (TOIT)*, 18(3): 37:1–37:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Zhang:2017:LBF

[ZSY+17] Wei Emma Zhang, Quan Z. Sheng, Lina Yao, Kerry Taylor, Ali Shemshadi, and Yongrui Qin. A learning-based framework for improving querying on Web interfaces of curated knowledge bases. *ACM Transactions on Internet Technology (TOIT)*, 18(3): 35:1–35:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Zhang:2023:CEC

[ZTH+23] Bolin Zhang, Zhiying Tu, Shaoshi Hang, Dianhui Chu, and Xiaofei Xu. Conco-ERNIE: Complex user intent detect model for smart healthcare cognitive bot. *ACM Transactions on Internet Technology (TOIT)*, 23(1):21:1–21:??, February 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3574135`.

Zhang:2021:PRF

[ZTL+21] Chen Zhang, Zhuo Tang, Kenli Li, Jianzhong Yang, and Li Yang. A polishing robot force control system based on time series data in industrial Internet of Things. *ACM Transactions on Internet Technology (TOIT)*, 21(2):34:1–34:22, June 2021. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3419469`.

Zander:2017:WTY

[ZW17] Sebastian Zander and Xuequn Wang. Are we there yet? IPv6 in Australia and China. *ACM Transactions on Internet Technology (TOIT)*, 18 (3):36:1–36:??, May 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Zhang:2017:AMR

[ZWC+17] Haibo Zhang, Luming Wan, Yawen Chen, Laurence T. Yang, and Lizhi

Peng. Adaptive message routing and replication in mobile opportunistic networks for connected communities. *ACM Transactions on Internet Technology (TOIT)*, 18(1): 2:1–2:??, December 2017. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Zhang:2022:TOT

[ZWC+22] Rui Zhang, Libing Wu, Shuqin Cao, Xinrong Hu, Shan Xue, Dan Wu, and Qingan Li. Task offloading with task classification and offloading nodes selection for MEC-enabled IoV. *ACM Transactions on Internet Technology (TOIT)*, 22(2):51:1–51:24, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3475871`.

Zhang:2023:SMT

[ZWW+23] Rongjunchen Zhang, Tingmin Wu, Sheng Wen, Surya Nepal, Cecile Paris, and Yang Xiang. SAM: Multi-turn response selection based on semantic awareness matching. *ACM Transactions on Internet Technology (TOIT)*, 23(1):3:1–3:??, February 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3545570`.

Zhang:2016:PAG

[ZXH16] Yuexin Zhang, Yang Xiang, and Xinyi Huang. Password-authenticated group key exchange: a cross-layer design. *ACM Transactions on Internet Technology (TOIT)*, 16 (4):24:1–24:??, December 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Zhang:2022:VRA

[ZXP+22] Di Zhang, Feng Xu, Chi-Man Pun, Yang Yang, Rushi Lan, Liejun Wang, Yujie Li, and Hao Gao. Virtual reality aided high-quality 3D reconstruction by remote drones. *ACM Transactions on Internet Technology (TOIT)*, 22(1):18:1–18:20, February 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3458930`.

Zhuge:2008:RSM

[ZXS08] Hai Zhuge, Yunpeng Xing, and Peng Shi. Resource space model, OWL and database: Mapping and integration. *ACM Transactions*

on Internet Technology (TOIT), 8(4):20:1–20:??, September 2008. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Zhang:2016:DEP

[ZXYL16] Rui Zhang, Rui Xue, Ting Yu, and Ling Liu. Dynamic and efficient private keyword search over inverted index-based encrypted data. *ACM Transactions on Internet Technology (TOIT)*, 16(3):21:1–21:??, August 2016. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic).

Zhang:2023:LCD

[ZZF+23] Wenzhao Zhang, Yuxuan Zhang, Hongchang Fan, Yi Gao, and Wei Dong. A low-code development framework for cloud-native edge systems. *ACM Transactions on Internet Technology (TOIT)*, 23(1):15:1–15:??, February 2023. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3563215`.

Zang:2024:FNM

[ZZK+24] Mingyuan Zang, Changgang Zheng, Tomasz Koziak, Noa Zilberman, and Lars Dittmann. Federated in-network machine learning for privacy-preserving IoT traffic analysis. *ACM Transactions on Internet Technology (TOIT)*, 24(4):29:1–29:??, November 2024. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3696354`.

Zhang:2022:DDG

[ZZW+22] Xiongtao Zhang, Xiaomin Zhu, Ji Wang, Weidong Bao, and Laurence T. Yang. DANCE: Distributed generative adversarial networks with communication compression. *ACM Transactions on Internet Technology (TOIT)*, 22(2):50:1–50:32, May 2022. CODEN ???? ISSN 1533-5399 (print), 1557-6051 (electronic). URL `https://dl.acm.org/doi/10.1145/3458929`.