A Complete Bibliography of Publications in
*Concurrency and Computation: Practice and Experience*

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA
Tel: +1 801 581 5254
FAX: +1 801 581 4148
E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: http://www.math.utah.edu/~beebe/

28 September 2015
Version 1.33

Title word cross-reference

1 [VDL+15]. 2 [CCW06]. 2pq [CL14]. 3
[ACIC+13, DCG11, EMEY14, KSM+08a, MCY+07, MJL01, OLG+15,
PSLC11, PSCK+15, TTR+10, YBC+07]. T\(^M\) [YL01, ZJKL10]. \(\ell\) [DHV03].
\(G(d)\) [WCA08]. \(K\) [LFZ07, DHV03, GR13, KH12]. \(LU\) [DFLL14]. \(N\)
[BDH15, CGK14, GGV14, SSB+14, TL14, AS15]. \(t\) [HJM+11]. \(x\) [IR11].

-\(\text{body}\) [CGK14, GGV14, SSB+14, TL14]. -\(\text{Cube}\) [AS15]. -\(\text{mer}\) [GR13].
-\(\text{nearest}\) [KH12]. -\(\text{out-of}\) [DHV03]. -\(\text{private}\) [HJM+11]. -\(\text{thread}\) [BDH15].
-\(\text{wait-freedom}\) [IR11].

\(\text{.NET}\) [BHW05, HLB10].

\(\text{/OpenMP}\) [VDL+15].
1 [RMP+13a]. 1.1 [OA02]. 1.2 [CG01]. 1.3 [MP04]. 10th [Kni06, WT15].
128-processor [LL01]. 1394 [HON04]. 1516 [MP04]. 1605 [Ano06]. 17 [Ano06]. 1940 [DKMM14].

2 [BS04, BB13, BC¸G14, JLT06, LSK04]. 2.0 [CBHTE11, DWC09, DH15, FP09, LVN+12, MWL+15, PFC+09, ZL09, Zic12].
2011 [BL13b]. 2012 [BL13a, HTW14, Hou12, QFG14]. 2013 [AF14, LBW14, PDD14, WDGK15, WT15].
2nd [FZ08]. 30.7 [SLM+10]. 369 [GKS09]. 3D [SL14]. 3G [KCS07]. 3rd [CC09].
4.0 [JCP15].

802.11s [BOB13]. 802.21 [WCLH12].
90 [FSPC+02]. 90/HPF [FSPC+02]. 95 [vWAH+02]. ’99 [TM01].

AAAA [WBB+07]. ABC [BPL12]. ABC-GA [BPL12]. abstract [AHM06, CTFY15, DWC09]. abstraction [IAH+15, JMF09, LFG05, WP12].
abstractions [VS02]. accelerate [FBV+13, MTHK14]. accelerated [BDW14, CMMB13, CP14, DCD+14, IOOH12, LS15, MCB14, MPSGD14, RK15, TDM+15].
Accelerating [BKHL09, DCK12, EDB+14, NNH+14, RCA+11, TB12, ZCD+12, ISO+14, SAD13, SIOS02]. Acceleration [ZO14, ABG+13, KC13, PZ11].
accelerators [ADF+13, BKSM+15, BHKW12, HJB12, RFC13]. acceptance [ALL+15].
Access [AK01, RCB+04, SW11, AFGL09, AC02, AV07, AAF+07, BDI+07, BHA+15, CSLO8, DFC12, DKMV07, GvHKK11, GBSHA01, KFS+06, LWZ13, LCMY13, MLL+11, MCB14, MD02, OTG+07, RR01, SKNH09, SS07, SW12, SCLK15, TYHL12, WLW11, XHH12, YBO10, ZYN+07].
Access-controlled [RCB+04]. accesses [LPC+14]. Accessing [GKP+09, Wt+10]. Accounting [GEJ+08, HGT14, MAS+14, SAC+07].
accounts [WBB+07]. accuracy [DFLL14, EMYEY14]. Accurate [BCK+09, GW15, AAF+07, FOTW04, TCP+05]. ACES [Run10]. achieve [CAG+13, PQP13, YLLZ09]. Achieving [CBPP02, DPP03, DFLL14, SSZ13, WLW11, ZYN+07, XTLG08].
ACM [Fox01, Fox05]. acoustic [MS07]. across [AAE+09, BPD06, CC15]. Active [PLL14, RM11, ZHT08, PTO11, SM04, XM02, ZL06]. ActiveSpaces
activity [BDMM+05], actor [BAT13]. ad
[CNP09, Den07, DA15, EB10, HKA+15, IHB15, KOO12, KKK10, KABD07, MLRR09, Sha15, YWM+10]. ad-hoc [Den07, HIB15, KABD07]. ADAGE [YR15]. adaptability [DT15a, SPSNvS07, ZBZH11]. Adaptable [dRL10, PGO+04]. Adaptation
[LLH+09, RCR+15, AAHRW04, GFBR10, LW05, MvNK+06, WLL03a, YCL11, YLD13, dOOO12]. adaptively [LPSF11]. adaptivity [VD05]. Adding [SRN+15, vRS05]. address
[HKS+12, ZDB+14]. Addressing [CBBCD08]. ADIOS [LLT+14]. Adjusting [YYCH10, JKZ03, YYC10]. admission
[DMA13, XCL09, ZCC+06]. Adolescent [CS09]. advanced [FR02, Fox12, MCA+02, NC05, SRdS09, SF10, AP06, FSP+02, LAC+08, LL13, QLL10, SE01]. Advancements [MRJ+14]. Advances
[Ano15a, BCX15, MLY10, SFN12, XCH14, XZH12, XCHY13, Zha08, LMH+14, MPSSD14, RS13, SRTG+07]. Advancing [KMJ14]. aerial
[KKS12, RK01, CCCC13, CCA15, CKC09, CNG11, DPST06, GPVcBR012, JLLH14, MT08, OM06a, PGK11, PRS01]. Agent-based
[KKS12, CAC15, CKC09, MT08]. agents
[AKW04, CJ12, NPTT06, QKS07, SNEP14, YCW08, ZM011]. aggregate [FG06]. aggregation [TLWZ14, XZG11]. aggregative [VJHB05]. agnostic
[VKM+09]. agreement [ZZC15]. agreements [DPGA11, YS07]. AHM
[Was07, W08]. aided [BAZ09, LGdVH13]. Aimed [CU15a]. Alamos
[WJLD09]. alert [RCM12, WZX12]. algebra
[ADI+14, BHL+09, HLYD12, KLB010, PHCR09, SD15, SLB08]. algebraic [ODS+13]. algebras [CMD11]. algebraic [MQOQH01]. algorithm
[ACGG06, BKH08, BY12, BDF15, BT04, CMM13, DCJ12, DHV03, DPS07, DLM13, FH13, FTT15, GCWE15, GM04, HZHP09, HD13, JC07, KH12, KHK+13, KKW+14, L04, LC09, LDZ14b, LLH+15, LZZ+15, LQL14, MBB04, MLRR09, MDD+09, PLY13, PCT04, PSCK+15, PV15, Rece01, RSH01, SJVR15, SAD13, TRW07, Viv03, WLLL15, WBZ10, WJ12, WJD13, WCR+14, WZS+15, WLL03a, WLL03b, WRDZ13, ZW09, ZY12, ZLY06, ZDX12, dCRS11]. Algorithmic
[SKK01, BGV+01, Cho01]. Algorithms
[Fox10, SNM15, ABDO09, ABDR13, BB12, BCM15, BTDs13, CDA09, CTTW11, DS04, EAVBVD11, LFRRC02, FRKS12, GYM14, HLYD12, HT15, HR06, IQOvdG13, JdM12, JM07, JKZ03, KHZN06, KR04, KR11, LW06, LB11, MHL+05, MJL01, MB14, PSRR14, RTM+13, SER15, SHF13, SFT15, TMZ07, VSO2, YCW08, ZL12]. algorithms-by-blocks
[IQOvdG13]. aligning [SL14]. alignment
all-pairs [SSB+14]. all-to-all [ZJKL10]. allocating [ME08]. allocation [BHD13, CA06, CSS10, DPT06, EdPG+10, GEJ+08, GS04a, ITO9, JL10, Jon09, KZY15, vdKEL10, LC09, LDPZ14, RPK08, Sha15, TAB+06, TSBR10, VDB09, WRLS12, XLZD13, YYC10, YCL11, YLC11, YL01, ZIL13, ZWMT12]. almost [BK05]. almost-whole [BK05]. alternative [BFU07, Ku14]. alternatives [AM01]. Alting [WBM+10]. Amadeus [BPB08]. Amazon [MSL+14]. AMBA [MS10]. American [GG07, HLCW15, PW12, TJKH12]. among [BFU07]. AMULET1 [The01]. AMUSE [LDS+08]. analyses [BAD+11, DZ13, SMBT07, TCH+13]. Analysing [LLT09, Sch04]. Analysis [AM07, CLZX10, CLW+15, GHMX13, GG07, GGR+10, HLYD12, KNT+01, MFG+13, PQP13, ULS03, ABF+10, AIA15, AAF+07, AC06, AHH14, BGGS14, BMV03, BBCG02, BHK08, BRW06, BDP+14, BLSP11, BWEB14, BDMM+05, CM05, CC13, CSBL12, DCG11, DD+06, EMS15, FBH+01, FMM08, FBC10, GYB+11, Ger05, GM07, GO10, GPW03, HJB12, HGT14, HPS12, ISS+02, IAH+15, JLH+14, KvgS+14, KR15, KHM+11b, KCZ+05, LLRS03, LAC+08, LWG+15, LQL+09, LJML10, LFHT15, LSW07, LPG+14, LGD15, MSL+14, MO02a, MS10, MJ+15, MDV07, MWW10, MWLS11, NLYZ12, PWC+14, PFC14, PVR+09, PP+10, PuF3, RVD+12, RVRD10, RS07, SAOK04, SLV12, SER15, SM09, SW12, SWL+01, TQ+14, TTN07, TBB13, TF03, WCA08, WSC+02, WSC+11, WMDM07, WK+11, WCH+07, XW08, XTZ10, XBB13, YHH13, ZCC+06, ZPG10, CKOG10, MCSM07]. analysis-driven [HPS12]. analytical [CS13, JAA08, PRS01, TYYH12, WTN07]. analytics [KMJ14]. analyze [HWZX08]. Analyzer [CV07]. Analyzing [DT15a, HKG08, IAE11, RR15, ZHW09]. animal [CMT13]. annealing [HXY+12, MK15b, WYZ12]. annotation [SRL+14, WOH+13]. annotations [SI0, vRGN09]. anomalies [SLV12]. anomaly [PFC14]. anonymity [WWS+12]. anonymization [SWZ12]. Answering [GR13, TGS14, CZWH07, HWW08]. ant [VT14]. Anticipative [YHC+10]. ants [PCS+12]. anycast [SPSNvS07]. AODV [KKK10]. AODV-RIP [KKK10]. AOI [RGCC15]. AOI-cast [RGCC15]. APART [GG07]. APEC [ANO02]. APEX [SS07]. APEX-Map [SS07]. Appearance [TN15]. appliance [JK10]. appliances [LLL15]. Application [PHGK10, RVD+12, RO12a, RO12b, TDM+02, AV07, BHD13, BvF10, CRC+15b, dOCPFJ13, C15b, CM07a, CKBB14, EST11, FJG+13, G08, GSV03, GAE+06, GWVP+14, HKAC14, HK02, HIB15, JN03, KOK14, KSM+08a, KA11, MBK01, MvWL+10, NZKK11, PWC+14, PGS03, RMCMMG15, SBBE07, SL+12, SM03, SBDP15, SIM+07, SVN12, TKA+02, TY15, TK10, TRK+15, VSR+09, WXY10, XHH12, XM02, YDS+14, YBC+07, ZS01, ZDA+07, ZYL10, ZKJ+07, dRL10, vAVA12, RTPH12]. Application-driven [RVD+12]. application-runtime [GA08]. Application-specific [RO12a, RO12b, ZS01]. Applications [CL08, CC09, EN09, Fed13, PPST09, SNM15, TM01, TUR04, YWT+12.
ACJ10, ABtGT+12, AMSS15, AK01, ASS+05, ACFT15, AC06, Ang08, Ano06, AAE+09, BMV03, BFR05, BCD+02, BEQOR13, BBK11, BSP11, BR04, BFM+06, BFVRC15, BPD06, BSB+03, CML+10, CEH+06, CV07, CDMS15, CSBL12, CSL12, CWMZ06, CA06, CKC09, CN02, CSPM13, CSWB11, DJM12, DFPT06, DH+13, DKMV07, DvNM+11a, ET15, EPB14, EMS11, EDSV09, EABYG14, EMS15, FBM+01, FT06, GFRB10, GSB+11, GWC10, GWC+11, KGS+12, HLD+12, ISO+14, JZZL06, JK06, KTR11, KKM+06, LBTE14, LHL+10, LL05, LLWS09, LDPZ14, MWL+13, MMMP01, MKIO04, MLC04, MMB+14, MMS07, MCSML07, MK15b, MT09, NSBR07, OSK+01, Par02, PWWR05, PS05, PFC+09, PRV11, PH12, RBB11, RBP12, RMCN07, RTMZ13, RMG+10, RM11, RO12a].

applications [RO12b, SM02, SV09, SFLS04, SRM15, SIOS02, SHG+07, SCBH09, SV12, SM09, SD11a, SFH13, SFT15, SS15a, SE01, SCLK15, SVN12, TKB09, UR04, VDB09, VBW06, WL11a, WAD12, WT10, WK07, WMDM07, WCL+10, WSWL12, YT15, YK10, YL01, ZBP06, ZP06, ZYLT06, dCGKG06, vHMB08, GTGT11]. Applied [WT15, DAB09b, MCB14]. Applying [BHD13, CAG+13, CBP+04, CKBB14, KW11, LWW06, MCY+07, SGSC08, VSKK09, dCHMJ12, ASG+08]. approach [AAHRW04, AMSS15, AML+15, ACMMO6, ADD+05, BPL12, BK+07a, BAZ09, BCC+05, CWSL13, CAC15, CLMM12, CG10, CKOG10, CWMW15, CLS14, CL07, CBP+04, DST11, DGA+10, DED07, DAB09b, DS15, EAGVBD51, FHH15, zGWXT09, GH08, dAGC11, GVC10, HKA+15, KR15, KH+15, KTM+09, LWF+15, LZH+15, LWY15, LPA+08, MTA+07, MCXP15, MK15b, MLVBW12, MSG10, ORdSL13, PFC14, PV04, PGK11, PCD15, PFW11, PME+08, RSSM06, RGCC15, RMCHMG15, SJVR15, SD15, TTY+15, TTR+10, VGL06, VH12, VFG11, VO15, WBHW08, WFWH08, XHW09, XDL+11, XWD+12, XDE+04, XBJ10, XHCL15, YA04, YT15, YZ10, YHH13, ZLY+13, ZFT08]. approaches [BDT01, BCM+05, MPSGD14, PGP+10, SIM+07, Sod05, YDB+13].

Approaching [IAH15]. approximate [GG09, GE08]. approximation [CNP+15]. arbitrary [HP11, KMA04]. Architectural [BCC+05, MCCG11]. Architecture [CH+11, MP04, NMR05, AP10, CT12, CLE11, CM07a, CJ12, CMT13, CKNW06, FT15, GWW+10, GW15, HCK+08, JLCA07, Kar14b, KHZN06, KPS14, LHC14, MLS+15, May10, OCC+05, PSLC11, PSJ13, ROA+07, RW10, RCR+15, RGL+15, SDB02, SPLO06, SPW09, TWL02, WLL14, ZFT08, ZW14, BCG02, KJH03, Zho06]. Architectures [MN10, AHP+13, ABC+15, ACS10, ATNW11, BGF15, BG14, BPS11, BIK+11, BKP+13, BS10, BLKD08, CRC15a, CAC11, Cha03, CNG13, DCK12, FBM+01, FN13, GGV14, GVC10, HMM+09, HLYD12, HBBM06, HbV13, KB06, MCP+12, ML04, MO02b, NO02, PZ11, Par02, PHCR09, PH12, RHBK11, SCR11, SRL13a, SFH13, SFT15, SEF+14, VDL+15, YR15, vdBAST10]. archives [ZKR+07]. Archiving [Wit10]. Area [CS09, BMA03, GHMX13, RMP13b, XPBS11, ZMJ10]. Argus [FGC06].
barrier [TZKH12]. barriers [WBM+10]. Based [MN10, AFGL09, ASWR12, AM15, AK01, AMRW06, ABC+08a, AKG13, AC02, ALL+15, ABG+13, BM10, BOB13, BKCP09, BKH08, BAZ09, Bou13, BCC+05, BWEB14, BHP14, CMW02, Can06, CAC15, CC10, CRC+15b, CR12, CWL03, CA06, CY07, CWMW15, CVK15, CM06, CKCO9, CW07, CL07, CM02, CGB+06, CNPP09, CRGR+12, CMT13, CLX+12, DVD+12, DC12, DHV03, DBR13, DXG13, DRS+13, DCY+08, DG11, DGR+07, DAC12, DHM14, DHH+13, DPS07, DH13, Dra15, DRF07, DT15b, EPB14, EMF14, ET09, EAGV15, FJZ+14, FPC15, FH13, FN13, GS08, GYM14, God12, GIVR+10, GS04a, GE08, GBG+14, GHC+06, GPZ04, GKP+09, HFDJ10, HZC+14, HZHP09, HXY+12, Hb06, HSHT14, HLCW15, HWR03, HFTQ13, HGB+08, HCK+08, HY12, JC07, JBL15, JQSP08, JGJL13, JLLH14, JZLL06, JPWH02, JSS07, KC15, KHZN06, KGGT12, KR15].
based [KHHC13, KBT+14, KKWZ15, KZY15, KKS12, KADB07, Kri05, Kri13, KPS14, KBLH+15b, KSC12, LYN+12, LLN+14, LHL10, LM08, Li04, LLH+09, LWLC12, LMKT13, LDZ+14a, LLL15, LDZ+15, LLG+15, LLX+1a, LFSW15, LWB13, LHL+15, LHT+09, LWLZ11, LZC14, LXX15b, LAL02, LSW07, LPC+14, LZZ+15, LC14, LHYX08, LX+09, MLL+11, MLS+15, MWPL15, MHLC+05, MZ06, MB12, MMMP01, MSST15, MK15a, MCY+10, MKAKG14, MRJ+14, MB14, MLW+15, MTO8, MSG10, NKK+07, NNVDA15, NO05, NMKB03, NJ05, OLG+15, PC+14, PSRR14, PFC14, PCT04, PPC+15, PSH11, PCD15, PSW11, PGW+08, PHE+08, PJW+14, RBO+02, RR15, RLZ15, RMCN+07, RGCC15, RSMF+12, RCT03, RRWS08, SJB14, SBBE07, SRM+15, SPR+07, SGD15, SARL13, SACJ04, SPBL06, SLM04, SC07b, SW12, TZYL13, TQL+14, TTYT15, TCP+05, TFG+12, TV+14, TSBR10, TBK+15, VS02, VDPC03, VDB09, VO15, VVS10].
based [WYZ12, WQ04, WKT08, WLDL08, WRC09, WDL10, WRLS12, WJ12, WZJD13, WZLH13, WCR+14, WZS+15, WJP14, WZXZ12, WK07, WCLH12, WRDZ13, XH12, XFWH08, XDL+11, XWD+12, XZB10, XJJ11, YCZ+13, YTF+01, YHK09, YP10, YWC11, YT15, YKD+15, YLEB14, YZ10, YH13, YYL+12, ZK08, ZW09, ZP06, ZCC+06, ZEB10, ZLL11, ZTM12, ZJL13, ZM13, ZFT08, ZBHZ11, ZXXN06, ZCS06, ZWMT12, dOOO+12, vHKT+11, vNMM+05, FHH15, HZC+14].
beamformer [PL15], Bear [ON01, ON02], bee [KC15], before [JW10, LSS15, PWJ10], behavior [AASF+07, CCS14, GGR+10, KL02, LF15, MSV+10], behavioral [IAE11], behaviour [MDX14], benchmark [BCD+10, BG04, CLL14, DS02, EHSU07, GPW03, GPW05, MS-WL+10, DLP03], Benchmarking [BSB+03, GFG+09, MP05, BCM+05, DMR+07, Dik07, ZS01, ZCL14], benchmarks [KHM+11a, NNON02, SCC+10], Best [CS09, PB07b, PK08, GRGP12], better [LWW06, VAC+07], between [Hun15, IABE11, KHW05, Kri13, LXY11a, ZYL10], BFG2 [AFR09], bi [KSPM12, LOKW+10], bi-criteria [KSPM12], bi-material [LOKW+10], bidirectional [LWG+15], big [CY15, ZLN+13], bilevel [LZZ+15], binary [CL14, LCM12, MPS11, ZZ14], bidirectional [LWG+15], big [CY15, ZLN+13], bilevel [LZZ+15], binary [CL14, LCM12, MPS11, ZZ14], bio [ABG+13, CBHTE11, CSL12, CP14, GPVCdBro12], bio-inspired [ABG+13, CSL12, CP14, GPVCdBro12], bio-science [CBHTE11], biochemical [KOK14, LTM+14], Biocompute [CBHTE11], biodiversity [ABB+15], bioextract [LGdV11], bioinformatics [BAD+11, GFG+09, HSRN11, LBTE14, PRC+14, SFLS04], bioinspired [HdV13, LGdVH13], biological [AHF+13, GR13, KKW+14, SKA+14, YGG14], Biologically [PCS+12, HAE09], biologically-inspired [PCS+12], Biology [BA04, Mar05, LTM+14, MPSGD14, THM+11, WOH+13], Biomashups [HSRN11], biomedical [GWC+11], biometrics [LH14], bioscience [HCG07], Birds [PCS+12], bitonic [PSHL11], bitstream [WYZ12], BitTorrent [JJGL13, LNKZ08, TWW07], BitTorrent-like [TWN07], black [HW14, BHPS14], Blacklight [CPS+14], BladeCenter [SLM+10], blame [BWEB14], BLAS [Ser13], BLAST [Kri05, SL14, YHK09], blind [CLS14, LLQL14], Blinn [DG11], block [AVB05, LB11, PZZ08, PZZ10, SAD13, TQL+14, MDL+10], block-structured [LB11], block-Toeplitz [AVB05], blocking [Cho01, ESGQ+11], blocks [IQOvdG13, Tan12], BLOR [LWF+15], Blue [EMS11, RGL+15], Bluetooth [CPNP09, WCCl5], Bluetooth-based [CPNP09], board [ABDO09, ZJS11], Boas [Kul14], body [CGK14, GGV14, SSB+14, TL14], boldly [LSS15], Boltzmann [BFM+10, MWLS11], bone [BCA+10, THM+11], bookmarking [God12], Boosting [ACIC+13], Border [DT15b], botnets [KKS12], bound [CMBB13, CT11b, Cuz11, FOTW04, MCB14, SBPD15], bounded [DZ13, LC09], bounding [MCB14], bounds [FMP10, LGFM05, vRGNP09], box [XHCL15], BPEL [Ley06, Slo06, TMF+10], BPEL4WS [CKNW06], brain [BDMM+05, EMEE14, PVR+09], branch [CMBB13, MCB14, PSJM13, SBPD15], branch-and-bound [CMBB13, MCB14, SBPD15], Brazil [PS13], Brazilian [GBMM15], breaches [Kin04], Breaking [WWS+12], bridge [MMSN+01, VDL+15], Bridging [RSSM06, Hun15, MTHK14], bring [ADM06], Broadband [DAC12, RDP10], broadcast [KHZN06, LL10], broadcast-based [KHZN06].
broadcasting [AKMZ13, KMA04, LLKC08]. broadcasts [KCS07]. broker
[BKM+07b, VBB06, AC02, ACC+07, CEM+08]. Brokering
[DPGA11, ET09, KD15, PGXW06, TSBR10, YLC11]. Browsing
[CBQ+11, mLGP03, LXL+09]. Broyden [PV04]. BSNet [HFTQ13]. BSP
buffer [LWW06]. bufferless [GGLD11]. bugs [DS02]. Building
[ASG+08, CZ11, CJZZ10, KKL06, RCXS09, Tan12, YR15, ART14, ACS10,
BAS07, CWMZ06, DH15, HKG08, MSL+14, MST15, NRW04, OTG+07,
PWW05, SNEP14, SLD+12, TMF+10, VRMB13, ZWL+13]. built
[WWL+15]. bulk [BDT01, Kes04, YB12, GDD+04]. bulk-synchronous
[Kes04]. bulletin [ABDO09]. bursty [GHMX13, KMA04, VO15]. bus
[LLC+15, MS10, ZWMT12]. business
[HFTQ13, IAÉ11, IAÉ11, LFH08a, MWJ+10, XLZD13, AK01, DCMV07],
business [TY15]. bytecode [Cog03, Cog04, KNN01, SD03].

C [Tan12, VDL+15, Bao06, BSB+03, GDMT+12, IS10, KS04, KW01, KS05,
NTK08, PS07, SCBH09, SHST13]. C# [BHW05, WLR05]. C-RAN
HT15, AAF+07, CPB07, CCSS10, DP14, GSG06, Gog11, HPS12, KKG04,
KSC12, PRU14, SC07b, WZX12, dRL10]. cache-based [WZX12].
caching [CWL03, LR05, SNB+01, dRL10]. Cactus [DvdS06]. CAFS
[WZX12]. caGrid [TMF+10]. Cairns [Run10]. calculation [Str11].
calculations [BGGL07, BDTdS13, PIH04, RGL+15]. calculus
[KCWO9, QLF+06]. calendar [LZC08]. Calibrating [SNEP14]. calibration
[LC14]. California [GGR+10]. call [BM07, EPB14]. call-graph [EPB14].
call-path [BM07]. callgraph [CMW02]. callgraph-based [CMW02].
camera [LCJ14]. campaign [HFJ10]. campus
[DDX+06, MTHK14, CRB09]. Can [MTHK14]. cancelable [LiH14].
cancellation [CW09]. cancer [DM+07]. capabilities
[AL04, BCI+09, SPG08]. capability
[ABG+05, RVD+12, RBB+09, XLMH14, YGL05]. capable [PRU14].
capacity [GEJ+08]. capture [BD08, FMS08, MCY+07, SGSC08].
Capturing [OORV14]. carbon [AHB+10, HMI12]. carbon-flux [AHB+10].
card [XZJ11]. cardiac [RCA+11]. cardinality [LLG+15]. caring [KFI5].
Carlo [ATVL14, RDP10, SS15b, WZJ13]. CARMEN [WH01].
CartaBlanca [PCVZ+04, VDP03]. case
[BDMM+05, DT01, EDB+14, EMB11, GFG+09, HKS+12, HPS12, HCK+08,
KOK14, LBT14, LNN+14, LLH+09, MCP+12, NKN+07, NNvVdA09,
PRC+14, RGL+15, SGD15, SE01, TMF+10, The01, dABV08]. case-based
[LLH+09, NKN+07, NNvVdA09]. cast [RGCC15, WYQ+13]. catalogues
[SK08]. Catalyzer [HCG07]. catchment [DLM13]. categorization
[KGKT12]. causal [BMA03, MGM+08]. Causality [CW09]. CBIR [PPP10].
CC [Cha03]. CC-NUMA [Cha03]. CCA
[AAW+02, AKM+06, GCN09, GLC07]. CCGrid’2007 [CS09]. CCJ
[NMKB03]. CCLRC [ACMA07]. ccNUMA [CBPP02]. CDL [XDL+11].
cell [MLVB05, QH10, RDP10, VDL+15, BHH09, DAC12, EMS11, KD07,
SSK11, VSR+09, ZDC+09]. Cell/B.E. [BHH09, VSR+09]. Census
[DKMM14]. Center [HGT14, BKZ+13, DMW+10, HSM14]. centered
[AHB+10]. centers [BB12, DGL+12, JZL14, JZL15]. Central [WHW10].
centrality [BOF15]. centralized [CRC15a, DKMV07, WGZL06]. centric
[KSM+08b, Kri13, PBF15, SBJ+15]. centroid [FRKS12]. certificate
[LDZ+14a]. certificate-based [LDZ+14a]. certificates [BAD+11].
certification [BF14, HY12]. certified [XWXC14]. CFD [FBV+13].
CGC2011 [CL13]. Chain [LXP+12, KSR14, LWC12]. Chain-to-chain
[LXP+12]. challenge
[CBBCD08, GH08, HSBMRO8, LS14, PBD+15, MLA+08, SSK+08].
challenged [FP09]. Challenges
[YWT+12, ZQH12, BCA+10, Dik07, DHC13, FBV+13, LLT+14, PT12, LF15].
Chan [YHJ+14]. changes [PWJ10]. changing [SWH08]. channel
[HKB07, LWG+15, LWW06, MS07, SCLK15]. chaos [MSV+10].
characteristic [KH05]. characteristics [PIH04, WLZ11]. characterization
d[OCPHA13, HKS+12, RGL+15, SCC+10, dP06, vAVS12]. Characterizing
[HKAC14]. Charm [BBK11]. CHARM [NCW+04].
Chasm [RSSM06]. check [LDZ+15, vRGNP09, LCC+03]. Checking
[PNB04, CAC+08, HFF07, LCC+03, MK12, YGL05]. checkpoint
[Jon09, PGB03, BDB+13]. Checkpoint-on-Failure [BDB+13].
Checkpointing
[LBX08, dCGK06, BBB+14, KAL07, MJ11, RMG+10, SGV12, YCW08].
checkpointing-enabled [SGV12]. checks [LGF05]. chemical
[HHPB+15]. cheminformatics [CBQ+11]. China
[ZGRS01, JW10, MZS+10, YQL+15, ZZYW10]. chip
[GGFFGB14, GA09, LNL+14, MCP+12, MST13, Puf13, RS12, XLL+15].
chip-multiprocessors [RS12]. chips [SSM04]. Chiron [ODS+13]. choice
[CHZ10, CHZ12, SSMB15, WBM+10]. Cholesky [ZDG+14]. choose
[PLY13]. Choosing [BFU07]. chord [BKH08, CCG+08]. chord-based
[BKH08]. Chord-like [CCG+08]. Choreography [Ley06, ZDC15]. chosen
[LZC14]. chosen-ciphertext [LZC14]. churn [WTN07]. CILogon [BF14].
cipher [WYL14]. ciphers [TQL+14]. ciphertext [LFWS15, LGC14].
ciphertext-policy [LFWS15]. circuit [AMSR14, CKRO13, MOK04].
circuit-switched [MOK04]. circuits [AMSR14, GLC+04, Sin10]. citizen
[HAV+13]. city [BKJH09, WKL+11]. clairvoyant [BCM15, JSGD14]. class
[God12, HWR03, LLT+14, SRF13]. classes [Bac03, GG09, WMA07].
Classification
[KBE07, DLJ15, God12, HHKA14, LGQ12, MPS11, MSM+14, PLZ14, Pla08].
classroom [GRGP12]. ClearSpeed [GSB+12]. client
[FHH15, PB07a, PRS01]. client-server [PRS01]. client-side [FHH15].
clients [MWJ+10]. climate [Zho06, ZBC+07, ZDC+09, ZCD+12]. clinical
WLWX14, WSRM12, ZP07, ZZ14, ZKJ+07, vRKS03, Ano06.

Computational
[BA04, DDE+12, HBH02, Mar05, Qiu11, QFG14, QFT14, RBBH02, vds06b, BFM+06, BP06, CCK09, DBR13, DS07, FP02, FMS08, KV12, KBG+09, KKZ15, LHM+14, MP02, MAAS+10, MPSGD14, MTVF14, MD02, NAP+07, PW12, PSG03, PB07a, PYF02, PV15, RCB03, Sha15, TP14, TRH+02, TV14, VDL+15, WGL06, YHK09, YLC11, ZSL+10, vHKT+11, vds06a, GTG11].

computationally [GPV09, RMCN+07]. computations [BCI+09, DIK14, DKJ13, GGV14, GDMT+12, GS04b, MCP+12, MRS08, NNH+14, OCC+05, RMCA12, RCA+12]. compute [SKNH09, ZWW14].

Computer [BM04, Nel05, SNM15, AKW04, CPXA06, DMW+10, FJG+13, GQ04, LGdVH13, LHC14, MCP+12, MO02b, NSSAK13, PSJM13, SRM13a, WAD12, ZDC09].

computer-aided [LGdVH13]. computer/digital [LHC14].

Computing [ACF+07, Ano15a, ACD02, Ber07, CR13, CM07b, FZ07, GM10, IBV+02, JX06, KB12, LV12, MLY10, PHGK10, PW05, RR11, SN06, SCNH07, SFN12, Tho07, ZYH09, ZQH12, AML+15, ADF+13, Ano06, AKM+06, ABG+05, BGGS14, BFR05, BHM+12, BCX15, BCD+10, BHQOS15, BKM+07b, BG+10, BWK+08, BHKW12, BP06, BAGS02, BM02, CL13, CJZZ10, CZ15b, CLS14, CAG+13, CL07, CM06, CN02, CBP+04, CGB+06, CODO+11, Dab09a, Dam11, DRS+13, DED07, DWC09, DKK13, DCG15, EDBS08, Erw02, ETR+13, FJP+05, FJ05, FMS11, Fox12, GFBR10, GKS14, GKG+04, GBMM15, GS04a, GWC+11, GVP+14, HSM14, HQoS11, HWR03, IIBH15, JCK+13, JPWH02, JK13, KC15, KM13, KSM+08a, KKT13, Kri05, LWC12, LLLJ14, LSS15, LDXC13, LHL+15, LQL+15, LAL02, LMOT10, MB12, MK15a, MJD15, MM10, MGR02, NNK+07, NC05]. computing [NJ05, OISS07, PW12, PRD+13, PIAH12, PC14, PRC+14, PT12, QLL10, RRBB11, RHRB13, RVD+12, RBP12, RBNG15, RSM06, RCA+12, RBB+09, SM04, SL10, SFH13, SFT+14, SRL+14, SS07, TTD+11, TWSM05, TTL05, TY15, VD05, WZ04, WCA08, WSW+12, XCL09, XPWF15, XADLC15, XBB13, XBM14, YCL11, YDB+13, YLEB14, ZH08, ZKJ+07, ZCD+12, ZHY12, ZXXN06, ZWW14, ZJS11, dAAVS12, BM12, SANB08, WLO3a, WLO3b].

conception [PBD+15]. Concepts [DMW+10, Sch04].

Concurrence
[Ano06, FH01, TH10, BVGVEA11, BMS+09, BT04, CAC+08, CM02, FR02, HL06, Hoa10, LSW07, TRW07, WJH06, dCHMJ12].

Concurrent
[AFGL09, BHM+12, BH05, SW09, Tan12, AKG13, ACGG06, BL04, CL10, DZM+15, GM04, IR11, JK10, Kar14a, Kar14b, KIM+03, Kri14, LPSF11, LDPZ14, LSW07, MKIO04, MISV13, MS05, NRR15, RCKV12, SSZ14, WZZL13, WCC04, WO14, WL11b]. Condensed [BIK+11]. condition [IR11]. conditions [LBDS15, LFG05, SWH08]. condor [LTM+14, TTL05].

Conference
Confidentiality [XBW+15]. Configurable
[SRF13, CGB+06, GKPT13, WZ04, YDL09]. configuration
[CKRO13, GBSHA01, KKTHL13, KAM11]. configured [STWSP12].
Configuring [ERZ+11]. confinement [PNB04]. conflict [BAS07].
conflict-free [BAS07]. congestion [ALL+15, WMA07]. Conjugate
connectivity [CNPP09]. conquer [CCW06, YA04]. consciousness
[LLYL09]. consensus [BFG01]. conservative [BGdCCA11, DVB14].
consideration [XBW+15b]. considering [TYHL12]. Consistency
[OCS01, ADM06, ANTZ09, GKPT13, WNT02].
consistent [PQP13]. consolidation [BB12, BB15]. Constrained
[XZT+11, KSR14, LLT09, MHLC+05, ZLA+15]. constraint
[DAE12, GAE+06, LWFL14, LNCY11, RC09, SKK02]. constraint-based
[DAE12]. constraints
[AAE+09, CY07, Cuz11, Hun15, KZY15, LLG+15, MS05, TKK+11].
construct [CCCC06, zGWXT09]. Constructing
[WKL+11, CLL14, WCR+14, XZJ11, ZM13, ZZ11]. construction
[GCO+14, SBBE07, WXY13, YLR+13]. consumption
[ADI+14, ADMQO14, HLB10, NSSAK13, RR15]. contact [XM02].
container [BPdM06]. contaminants [VLF+13]. Contemporary
[SNM15]. Content [Zic12, BM10, CHZ12, JQSP08, LNKZ08, MWPL15, PF12, PZZ08, PZZ10, SGSC08, TSBR10, YQL+15, ZW09]. content-based
[JQSP08, MWPL15, TSBR10]. contention
[BBK11, DHM14, WYQ+13, XCL09]. Context [And13, CAC15, CMT13, DHC11, DCFC08, HPS05, KR15, LS05, LNCY13, Sod05, ZLY+13, ZDC+09].
context-[DCFC08]. Context-aware [And13, DHC11, ZLY+13].
Context-awareness [CAC15]. context-free [LS05]. contexts [DPST06].
Contextual [GAE+06, KM13]. contiguous [PMAL14]. continuous
[TB12, ZSZ+14]. contourlet [PJW+14]. contours [PLL14]. contracts
[BWEB14, Dam11]. Control [IÁBE11, NSSAK13, AFGL09, ALZR11, ALL+15, AFG+05, BCD+02, BEQQR13, BMS+09, BT04, BHA+15, CSL08, DMA13, DZ13, FJ05, FR02, GBSHA01, IS10, LM08, LXP+12, MLL+11, MLG15, MABP13, SARL13, Sin10, SW11, SW12, TJF14, TBK+15, WMA07, WL11, XCL09, XHH12, YBO10, ZCC+06, ZYN+07]. control-based
[LM08]. controlled [RCB+04, TV14, ZMZD11]. controller [LWW06].
Controlling [dSGD14, dRC10]. conversion [JN03, MO02a].
conversion-dominated [JN03]. converge [WYQ+13]. converge-cast
[WYQ+13]. converter [LCM12]. convertible [XWX14]. conveying
[MGO09b]. Cooperation [Ano02, PRT09]. Cooperative
[GCL08, HK07, IOOH12, JX06, QLS13, Bou06, CPB07, CWL03, DA15, KIM+03, KKS12, MKIO04, SE01, WBZ10]. cooperation [CDH+15].
Coordinated [NB12, YZR14, Sod05]. Coordinating
Coordination

[CSL08, RE03, Pun01, UR04, YLLZ09].

Core

[ZQH12, AYN+14, ART14, ABC+15, AAW+02, BGGL07, BHBBD13, BUFS10, CLH+11, CZL12, CLRB15, HKAC14, IZXM09, KSG11, LQL+09, MCP+12, PZ11, RMP+13a, RHBI11, SPW09, SEF+14, VDL+15, ZX09, ZYH09, ZY12]. cores [BKSM15, HT15]. correction [ZYT06]. correction

[ASS08]. Correlated [BHBBD13, MOK04]. correlation

[KKW+14, PWJ10, RC12, XHH12, ZLY+13]. cortex [CP]. CoS

[KSPM12]. coscheduling [DRS+13, Sod05]. cosmological [WDG+14]. Cost

[ESGQ11, LSMV115, PC14, SL10, BCF12, HLC12, MS13, YDL09, ZLN+13]. Cost-effective [ESGQ11, ZLN+13]. count [KVH11]. counter

[LPC+14]. counter-based [LPC+14]. countermeasures [AAI12]. counting

[AP06]. coupled [AFG+05, HCO7, JK06, SY09, VDP03]. Coupling

[AFR09, Zho06, AvADxH09, Boe12, FRB+06, ISS+02, ZDB+14]. course

[ZL06]. courses [LMH+14]. CPC [Kn06, KB12]. CPCPPC [RMG+10].

CPSocio [X1]. CPSocio-SLN [XZ1]. CPU [BEQOR13, FTT15, GGV14, HLCW15, LDZ1b, PDY14, SD15, WDG+14, ZDX12]. CPU/

graphics [GGV14]. CPUs [JdM12, SEF+14]. crawler [DH13]. crawling

[PZ08, PZ10]. CRAY [PSG03, BS04, BB13, BC14, LKJ03, LSK04].

Creating [CDH+15, DEF08, OGA+06, RBO+02]. creation [LY13].

credibility [ZW09]. criteria [KSPM12, SVS+08, WJ12]. Critical

[HL13, WK12, LL10, RS12]. Cross [GRSB09, WRLS12, ZBC+07, DCJ14, ET09, GW15, HKA+15, LPG+14, MD02, XZJ11, YLD13, ZDC15].

cross-architecture [GW15]. cross-cloud [YLD13, ZDC15]. cross-currency

[DCJ14]. Cross-domain [GRSB09, LPG+14]. cross-Grid [ET09].

Cross-layer [WRLS12, HKA+15]. Cross-organization [ZBC+07].

cross-platform [MD02]. cross-realm [XZJ11]. crossbars [LLN+14].

Crunching [GTL06], cryptanalysis [WYL14]. crypto [CLH+11].

crypto-core [CLH+11]. cryptographic [ABD15]. cryptographically

[HJ+11]. cryptography [BOB13, NLYZ12]. cryptography-based

[BOB13]. crystalline [XBB13]. CSC [LXP+12]. CSFS [HYX05]. CSP

[MS10]. Cube [EJD15, AS15]. cubic [PMAL14]. CUDA [BY12, DCD+14, ER12, FJZ+14, GWVP+14, HP11, KVGH11, KPS14, PSH11]. cumulative

[CH04]. currency [DCJ14]. Current

[TFDA07, Dkh07, EDB+14, GKS14, MG09]. curve [LBH07]. custom


[SZ11, DZW+11, WWL+15, ZX11]. cyber-infrastructure [WWL+15].

CyberGIS [LPW15, PCW+14]. cyberinfrastructure

[BFG14, CW07, KHM+11b, LGD15, PRC+14]. cyberinfrastructures

[MRJ+14]. cycle [KD10]. cycle-scavenging [KD10]. cyclic [RS12]. cycling

[CGW13]. cyclotomic [CL14]. Cyclotron [KD10].
D [CCW06, OLG+15, VDL+15, ACIC+13, DCG11, EMEY14, KSM+08a, MCY+07, MJL01, PSLC11, PSCK+15, TTR+10, YBC+07]. DAI [AKK+07, AAB+05]. damage [ZYL10]. DARPA [SCC+10]. DART [DPK10]. DartGrid [CWMZ06]. Data [ABB+15, EPB14, GS04b, GPZ04, KPS14, LY14, MLS+15, MP04, PB07b, PK08, PS13, AKK+07, AHB+10, AC08, ADM06, BDG08, BCF12, BB12, BB04, BV11, BKZ+13, BZdR+10, BSZ09, BHA+15, BDM+05, CEH+06, CV07, CBHTE11, CY15, CT12, CCSS10, CBQ+11, CFV+08, CT11b, Cuz11, CS13, DCG11, DFLNP07, DPK10, DZJ+15, DS15, DA15, EJD15, FAB+07, GD07, GvDHS12, GZL14, GYP+09, HKA+15, HZHP09, HCG07, HLB10, HAV+13, IA+11, IABE11, JCP15, JFJ+08, JZL14, JZL15, KMKJ14, KKL06, KB13, LSE13, LSS05, LP10, LPH09, LLLJ14, LWF+15, LFWS15, LWLZ11, LPW15, LMP01, LPG14, LGD15, MWL+13, Mal05, MRS03, MVB13, MCC14, MCD15, MGM+08, MSM+14, MLB+12, NCD+08, OOTK01, OHJ13, Pat08, PDY14, PHCR09, PQP13, PMcMdS+12, PS07, PXY+07, PRU14, RKO2, RLZ15]. 

dilatational [HTR10]. dimension [CBQ+11]. dimensional
[GSB+12, HLCW15, JN03, JdM12, MABP13, Ogi02, SWZ12, TBK06,
WCH+07, ZM13, ZHZ+13]. Dimensions [AvdADtH09, HP11]. Direct
[AV07, BdL06, WJ09]. directive [NO02]. directive/MPI [NO02].
directory [JCP15]. DISCOVER [MMMP01]. Discovering
[GD07, SKA+14]. Discovery [KKW+14, LHXY08, AMRW06, CLTT13,
GFG+09, GWVP+14, LDXC13, LAM+09, LLX15b, MLS+15, MTHK14,
ORDG15, RCX+04, RCXS09, RSTV07, SGG07, WGG+07, ZSZ15, SGG07].
discrete [MQOQOH01, SHP14]. discrete-time [MQOQOH01].
discrimination [GPVcDBRO12, XLMH14]. disease [Riz04].
disk [WCH+07, YYS15, ZBZ+15]. disk-resident [WCH+07]. Dispatching
[CKSC10]. dissemination [BLSP11, LWF+15, MLRR09, PF12, WZS+15].
DistMe [RTPPH12]. Distributed
[AC09, Ano15a, BM12, CL10, CRB09, CT12, CPXA06, CM07b, DSMM+15,
DBR13, DFH10, EN09, FH13, HFF07, JCK+13, Jos05, MWL+13, MN10,
NSBR07, PHGK10, PDD14, RJ01, SCLK15, TWSM05, TTL05, TW07,
TMZ07, Tur04, Ur07, XLWZ11, ZWMT12, ACJ10, AAa0+02, ABDO09,
AFT01, BGCGR01, BBCG02, BDVV14, DLH01, DLC+1+04, DL07, DZM+15,
EDBS08, EABG114, EBGS01, FBH+01, FJ05, FT06, FN13, GVC10, GLC07,
GHR03, HNG08, IBrA+02, JZL15, KAL07, Kes04, KH+14, KML+06,
KO6, KHIZ+15, LNZC09, LLdA08, LBDS15, LMOT10, MST+05, MZ06,
MMBP12, MLC04, MJ11, MFF04, MPSGD14, MRH14, MA15, MVML11].
distributed [MP03, MDS+10, OOK+01, OHJ13, OML10, PCVZ+04, PFC14,
PVR+09, PA+15, PQQ13, ROI12, RSTV05, RMCHM15, SJB14, SK08,
SFLS04, SLV12, SRM3a, SARL13, SPT15, SLM05, SHP14, SS15b, TTV08,
TTL06, TCH+13, TBK+15, VIT15, WGVZ14, WW08, WTH10, XCHY13,
XPWF15, XW13, XLL+12, YDL09, YLLJZ13, ZKR+07, dSGD14, vHMB08,
vLDW11, TM01].
distributed-shared [BHV02]. Distributing [MT08]. Distribution
[BD04, HMPPT13, MP04, QKSJ07, LNKZ08, LFX+08, MLG15, MSL+14,
MSG10, NPT+06, NTK08, PH12, RKS02, RTPPH12, SGG07, YF13].
distributions [SRM+15]. divergence [CMMB13]. divergences [CSPM13].
diverse [HMM+09]. divide [CCW06, YA04]. divide-and-conquer
[CCW06]. divider [LCM12]. divisible [DL07]. division [LZ13]. DMG
[PB07b, PK08]. DNA
[HSHT14, LS15, MKKB04, SCR13, SRF13, SER15, SSM04]. do [CHZ12].
docking [EBa+14, EB14, TCP+05]. document [PLZ14]. documentation
[vLDW11]. documents [CL01, LC+08b, HOS06, ZSZ15, ZZ11]. DoD
[MP04]. DOG [WRDZ13]. DOF-based [WRDZ13]. domain
[AHH14, BJ01, GRSB09, JN03, LFX+08, LPG+14, QH10]. domains
MSP\textsuperscript{+13}, MCXP15, MA15, ZLN\textsuperscript{+13}.  

**effectiveness**  
[CTY15, Eng15, KAL07, LLdA08].  
**effects** [BDW14, ZZYW10].  
**efficacy** [PDD14, dAGC11, GA09, GCPS\textsuperscript{+14}, GVP\textsuperscript{+14}, SSZ13, TY15, Tru15, WCLH12, XLL\textsuperscript{+15}].  

**Efficient**  
[AD02, BB02, CCW04, CGN15, DVL13, GKS\textsuperscript{+07}, GP07, HZC\textsuperscript{+14}, HC07, LKKC08, LZhT12, LDZ14b, LDZ\textsuperscript{+15}, LAM\textsuperscript{+09}, PZ11, RLdZ13, WYZ12, WHxZ15, XBCS13, YC\textsuperscript{W08}, ZLL\textsuperscript{+11}, ZSL\textsuperscript{+15}, ACGG06, AZF\textsuperscript{+12}, BD08, BF07, BG14, BB12, BB15, BAYM11, BT04, CLH\textsuperscript{+11}, CLH13, CGW13, CS13, DCJ12, DRS\textsuperscript{+13}, DPP03, DHM14, EA12, FLL\textsuperscript{+14}, zGWXT09, GTA13, Gog11, HKA\textsuperscript{+15}, JLT06, JZL14, JZL14, KKWZ15, KVGH11, KKL06, LLLJ14, LDPZ14, LWF\textsuperscript{+15}, LLL15, MST13, OGA\textsuperscript{+01}, PPP10, PS07, RPM13b, SRM\textsuperscript{+15}, SK04, Sha15, SHST13, SGV12, WBZ10, WSL12, XJZ13, YBO10, YLLZ09, YY13, ZZY06, ZY12, ZJL13, ZSL\textsuperscript{+14}, ZZZ15, ZHC\textsuperscript{+13}, ZGC\textsuperscript{+11}, vNMW\textsuperscript{+05}].  

**efficiently** [ZYH12].  

**eigenproblem** [PV04].  

**eigensolver** [AYN\textsuperscript{+14}, BWD15, RR11].  

**eigenvalue** [BWD15, BI\textsuperscript{K+11}, GSV03, GKK09, YDS\textsuperscript{+14}].  

**Elastic** [MVML11, LDXC13, MWPL15].  

**elastohydrodynamic** [GB07].  

**electric** [CAC15].  

**electromagnetic** [AML\textsuperscript{+15}].  

**electromagnetics** [PSG03].  

**Electron** [CRC\textsuperscript{+15b}, GSV03, GKK09, YDS\textsuperscript{+14}].  

**Electron** [CRC\textsuperscript{+15b}, GSV03, GKK09, YDS\textsuperscript{+14}].  

**elec** [Ku\textsuperscript{l14}].  

**emergency** [MSST15].  

**emergent** [DDF\textsuperscript{+15}, FED03, LWW06, Tan12].  

**end** [CK13, GM10, JK13, TMZ07, WL02, ZKJ\textsuperscript{+07}].  

**end-host** [TMZ07].  

**Energy-aware** [AZF\textsuperscript{+12}, JWZ13, KHM\textsuperscript{+11b}, KKWZ15, LDPZ14, MABP13, PRV11, Sha15, SHST13, YBO10, ZJL13, ALZR11, AAC\textsuperscript{+15}, ADI\textsuperscript{+14}, ADMQO14, ABD13, BG14, BB12, BB15, CAC15, CLS14, CLH13, CGW13, GTA13, GA09, GCPS\textsuperscript{+14}, GVP\textsuperscript{+14}, HKA\textsuperscript{+15}, JZL14, JC15, MS13, MST13, NSSAK13, P\textsuperscript{L14}, RR15, RMC\textsuperscript{+07}, SNEP14, SSZ13, TY15, Tru15, WBZ10, ZY12, ZGL07, PDD14].
Energy-efficient

Engineering

Enforcement

Enforcing

Engine

Enhance

Enhanced

Enhancements

Enhancing

Entropy

Environment

Environments

Entirely

Ensemble

Enterprise

Enterprise

Environments

Evaluating

Evaluation

Ethernet

EuBrazioOpenBio

EULAG

Euro

Evaluating

Evaluation
FMP10, GS08, GGV14, GS04a, HG11, LH05, Li04, LFH08a, LBDS15, MPT07, MAH+02, OCC+05, PB12, PBD+15, PRS01, SM02, TKA+02, WMA07, WKT08, XWD+12, YZ10, ZF14, ZCC+06, ZDC15, ZL12, ZDX12.


[BLKD08, Cho01, DFLL14, WZ04, ZDG+14]. factorizations [ADMQO14].
Factors [HMM+09]. fading [MS07]. Failure
[EPAl5, LFHT15, GMS09, JM07, MST13, SC07a, YDL09, BDB+13].
Failure-resilient [EPAl5]. failures [LSW07, MAS+14]. fair
[LLK08, TZYL13]. Fairness [RCT03, NvV09, dSGD14]. FairThreads
family [Kac11, KHM+11a, SLM04]. FarGo [GBSHA01]. farming [CKBB14]. farms
[GVC10]. Fast [ACC+12, DFC12, FYKW15, GCO+14, NN07, PSHL11, AB01, FOTW04, KCB09, Kui14, LHZ+15, LY14, MKKB04, MRH14, NA15, PMAL14, SJVR15, TCP+05]. faster [LS15]. FastFlow [ART14]. fat
[AAE+09, BV11, FD01, LHT+09, NDP+05, ZJS11, ACJ10, ADM06, BF07, BHBD13, CCC06, CJZ+15, ET15, Tec12, GGR+10, HTR10, ISS+02, KAL07, OKM10, PKG11, ROA+07, VYK+10, XPWF15, XTLG08].
fault-tolerance [CJZ+15]. Fault-Tolerant
[NDP+05, AAE+09, BV11, FD01, ZJS11, ACJ10, BF07, Fec12, GGR+10, HTR10, ISS+02, KAL07]. faulted
[PNL10]. faults [KF15, XM02]. feasibility [BdL06, HKG08, SS15a, SZA08].
FEAST [TGB+10]. Feature [Pre01, MSM+14]. Feature-oriented [Pre01].
Features [KS05, vLGL+02, BDY03, KBH+15b]. Feautrier [Viv03].
federated [BF14, GRSB09, GVK12, LHL10, MSST15]. FEM [OA02].
file-transfer [AC06, BGdCCA11, BDT01, BAS07, DL10, DZM+15, HYX05, HCK+08, IT03, KKL09, LLYL09, SNB+01, TWN07, Tru15, YYYCH10, ZH08, AC08].
file [AC06, BGdCCA11, BDT01, BAS07, DL10, DZM+15, HYX05, HCK+08, IT03, KKL09, LLYL09, SNB+01, TWN07, Tru15, YYYCH10, ZH08, AC08].
filling [LBH07]. filter [BY12, Jos05]. filtering [BHA+15, IZXM09, VŠ11]. filters [GPV09].
finance [PW12, TP14, DDE+12]. financial [GCO+14, RDP10]. Finding
[AT14, BL04, CT11a, DS02, JCVU15, KB13, MSV+10, KHM+11b]. findings
[GCPS+14]. Fine [BVGVEAFG11, BHA+15, Hoa10, JCP15, KWL+04, CLX+12, NNvVdA09, RAFD14, RLVRGÁ14, TNH15, WLW11, ZYN+07]. Fine-grain
[Hoa10, JCP15, NNvVdA09]. Fine-grained [BHA+15, KWL+04, CLX+12, RAFD14, RLVRGÁ14, TNH15, WLW11, ZYN+07]. finger
[CACG+08]. Finite [XM02, BJ01, BCA+10, BHPS14, CC13, CSTV06, JN03, MO02a, NNH+14, PSG03, PH12, PSCK+15, QH10, TGB+10].
finite-differencing [PH12]. Finite-element [XM02, JN03, MO02a].
finite-volume [PSG03]. firewall [CWMW15]. First
[MLA+08, WJLD09, PMAL14, CR08, CS06, DT15b]. fish [LKPM09]. fit
fixed-priority [KW10]. fixed-time [CY07]. flash [LWF+15, DVD+12].
Flexibility [BKM+07a]. Flexible [BAVM11, CGKW13, CJ12, BM10, BFM+05, IT03, WNT02, dRC10, vNMW+05]. floating
[BTG06, LCM12]. floating-point [BTG06]. flood [HGB+08]. flooding
[GS08]. flooding-based [GS08]. floorplanning [ACIC+13]. flow
[DdB01, GCWE15, GPS+07, HKB07, IÁBE11, LW05, LHXY08, LXL+09,
G [LCYJ08, MCWL06, RMP+13a, RSTV07, YHK09]. G-1 [RMP+13a].
G-BLAST [YHK09]. G-PASS [MCWL06]. GA [BPL12, FTT15]. GAF [PWRW05]. Galaxy [MSL+14]. Game
[PRC+14, CG10, CQXW14, CLW+15, LC09, WWS+12]. game-theoretic
[CG10]. games [CRC15a, Ios11]. gap [Hum15, RSSM06]. garbage
[AP06, BCK+09, HM03, Ka11, Pu13]. gas [WJLD09]. gate [NNH+14].

Gateway
[DT15b, WDGK15, BSC+15, CM07a, CGK+07, CDH+15, MRJ+14, MWL+15,
Pgp+10, SBj+15, SBB+15, SMY+15, Sod07, CGK+07, LW15, PYF02].
Gateways
[WD07, ACF+07, GBMM15, MTA+07, MCD+15, OTG+07, Sod07, WBB+07].
GAUGE [HBG+06]. Gauss [Tan12]. Gaussian
[DDF+15, VS11]. gaze
[MRS+09]. GCC2004 [JX06]. GCE [Tho07]. GCF [FRB+06]. GCVIR
[TSBR10]. GEANT4 [CRC+15]. Gene
[EMS11, RGL+15]. Gene/L
[EMS11]. Gene/P [RGL+15]. General
[ETR+13, ABDP15, LKPM09, RMP+13a, WLW14].
General-purpose
[ETR+13, ABDP15, LKPM09, RMP+13a]. generalized
[BCM07, BMS+09, CL14, DFC12, KSM15]. Generate
[DIK14]. Generate-map-reduce
[DIK14]. Generating
[ER12, vHK+11, AAP13, Ios11]. Generation
[LSL+09, Aia15, Ang07, CC13, Can06, CLD08, CS06, CPS+14, DCD+14,
GPS+07, ISS+02, KKTHL13, KB06, KML14, LMO15, LHB07, MSL+14, MK12,
PPM15, QEB+10, UAW09, XW13, XBM14]. generations
[AP06, RVD+12]. Generative
[HBG+06]. generator [vWAH+02]. Generic
[GL05, GvDHS12, XZJ11]. genes [CoD+11]. genetic
[BDTD13, GYM14, KKWZ15, KPS14, LWW06, MHLC+05, PV15, Riz04,
SJVR15, TRW07, WLL03a]. genetic-based
[KKWZ15]. genome
[MAKAKG14, WWL+15]. genome-based
[MAKAKG14]. genome-wide
[WWL+15]. genomes
[ALVY05, CoD+11]. genomics
[TGS14, MSL+14]. geo
[JZL15, PAM+15]. geo-distributed
[JZL15]. geo-referencing
[PAM+15]. geodynamics
[ZKJ+07]. geodynamo
[DGJ11]. GeoFEM
[FCT+02, MO02a, MO02b, NO02]. GeoFEST
[PNL10]. geographic
[JZW13]. geographical
[AGS+08, ZSJ15]. geometric
[ZYLT06]. geometries
[BFM+10]. geometry
[ZIP06]. geometry-based
[ZIP06]. GEONGrid
[YBB+07]. Geosciences
[PW05, MCY+10]. geoscientific
[BvIF10]. geospatial
[DCY+08, LPW15, Pie08]. Getting
[Nob08]. GF
[SAD13]. Gibraltar
[CSW11]. gigabyte
[FCT+02]. GIS
[ABC+08]. GIS-based
[ABC+08a]. gLite
[KSM+08b, KKV13]. Global
[BFL+10, FWU+04, AHB+10, BMD+05, HKS+12, HBMK06, LLYL09,
Ogi02, PRD+13, TKB09, TBK+15, VBW06, YSL+15, YCW08, ZDB+14].
Global-scale
[BFL+10]. Globus
[ACFT15, DCY+08, Jac02, Kri05, MSL+14]. Globus-based
[DCY+08, Kri05]. GMarTe
[AHM06]. GMP
[SFL04]. go
[LSS15]. GOLD
[PCH+08]. gone
[LSS15]. Gossip
[OHJ13, ABDO09, VVSI07, ZK08].
gossip-based [VcSl07, ZK08]. GPAW [RGL+15]. GPFlow [RRWS08]. GPGC [ZYLT06]. GPGPU [PIAH12, ZW14]. GPGPUs
[SSB+14, PW12]. GPU [SPZ+10, ABG+13, BEQOR13, BFM+10, BKS+15, CMMB13, CSM+13, DRZ+13, ER12, Fer+13, FTT+15, GS+12, Hq+11, IOOH+12, ISO+14, KH+12, LDZ+14b, LLH+15, LS+15, MWLS+11, NRR+15, PDPY+15, PI+15, RSC+15, RMSF+12, SD+15, SS+15b, TDM+15, VL+13, WLLL+15, WDG+14, ZDX+12, dCRS+11]. GPU-accelerated
[CMMB13, IOOH+12, LS+15]. GPU-based [ABG+13, RMSF+12]. GPUs
[C+10, BY12, CZL+12, ETR+13, GW+15, HP11, KVGH+11, KB+13, MLS+12, RS+11, Ser+13, VFG+11, YDS+14]. GRADE [Kac11]. gradient
[SK+09, SSK+11, MDL+10]. gradual [RC09]. graduate [MTVF14]. grain
[Ho+10, JCP+15, NNvVdA09, Yos06]. grained [BHA+15, CDA09, CLX+12, KWL+04, MDL+10, RAFD+14, RLVRGÁ+14, TNH+15, WLL+11, ZYN+07].
gr.ammar [PS10]. grammar-driven [PS10]. grammars [LS+05]. GRAND
[VdDiN+07]. Grande [Fox01, Fox05, GPW03, GPW05]. granularity
[DK+13, RCA+12, TJF+14, dSGD+14]. GRAPES [LXRJ+13]. Graph
[PS10, BOF+15, EPB+14, Hoh06, PZH+15, SKK+02, ZBZH+11]. graph-based
[Hoh06]. graphic [MPSGD+14]. Graphical
[DT15b, Eng15, LP+09, PSRR+14, RMP+13a, VDL+15]. Graphics
[ADF+13, CP+14, DCJ+14, DG+11, KC+13, MCB+14, VC+13, ATVML+14, ACC+12, ABDP+15, BDW+14, BHQS+15, CSWB+11, DCJ+12, JD+12, LKPM+09, LDZ+15, LLH+15, OLG+15, PSCK+15, RCA+11, RCR+15, RK+15, SPMP+11, SPZ+10, SAD+13, Str+11, SEF+14, TZKH+12, WJT+14, ZOI+14, ZDG+14].

graphs [FLMRC+02, FBYO+12, MGM+08]. gravity [HTR+10]. Gray [Bou13].
green [CL+13, DZ+13]. Gregory [vEGW+06]. GRFA [LL+09]. GRID
[Ang07, CS+06, ACF+07, ACD+02, CL+08, CC+09, FKP+02, GIVR+10, HGR+05, Lee09, MTD+02, NNT+02, PDI+02, Tho07, sLGL+02, AC+08, B+11, BKM+07b, BFR+0, BZ+10, BWW+08, CPB+07, CHL+15, CRC+15b, CSL+08, CY+08, CF+08, CLX+12, CS+13, Dab09a, FMS+11, FTRA+15, HGB+08, IOOH+12, Ios+11, JQ+08, Kac+11, KD+10, KV+12, KKT+13, KZY+15, KBH+15b, KA+11, LC+09, LZ+08, LLS+15, MLS+15, MB+12, MAS+14, ME+08, MSV+10, NNvVdA09, PVR+09, PV+15, RRBB+11, RHRB+13, RSTV+07, RGV+09, Sha+15, SG+12, SKHN+09, TV+14, TSBR+10, VDB+09, VSK+09, WCL+10, WSW+12, dRL+10, dAAVS+12, vDABST+0, vLFGL+01, ACJ+10, AKK+07, AC+02, ACC+07, AHM+06, ABR+06, AV+07, ACMM+06, AC+06, AAB+05, ADM+06, AFG+05, BR+04, BKM+07a, BDG+10, BPB+08, BLSP+11, BA+02, BM+02, BBGA+03, CEM+08, CV+07, CLX+07, CR+09, CWZ+06, CA+06, CY+07, CR+08]. Grid
[CW+07, CL+08, CL+07, CM+06, CDL+08, CBP+04, CGB+06, Cyb+06, DDP+06, DDX+06, DCY+08, DFPT+06, Dik+07, DPS+07, DCM+07, ET+09, Erw+02, FJP+05, FP+02, FG+06, FAB+07, FZ+07, FS+07, FZ+08, Fox+10, GEJ+08, Ger+05, GKG+04, GS+04b, GD+07, GAE+06, GTL+06, GHB+06, GKP+09, HK+07, HBG+06, HPS+05, Hoh06, JZZL+06, JX+06, KA+09, KWL+04, KR+06, KFS+06, Kri05, LW+05, LAC+08, Ley+06, LWL+06, LX+08, LZ+09, LFH+08b, MCW+06, MRS+10, MCY+07, MWJ+10, MP+02, MBP+05, MCC+06, MPT+07, MGR+02.
[FMS11, MO15]. health [EPA15, vLDW11, LRS15, LDS+08]. heavy
[RVRD10]. heavy-tails [RVRD10]. Hellman [LZC14]. Hell
[LLT+14]. Helmholtz [BDL06, LXRJ13, OLG+15]. helpful [GFL04]. helpfulness
[ZTM12]. heterogeneous [AHP+13, AGMR05, Ano06, ATNW11, BFR05,
BG14, BCM15, BHQOS15, BHKW12, CW11b, CPXA06, DLPV07, DKJ13,
DL07, EAGVBVS11, FM08, GVC10, GCPS+14, HCG07, ITK09, KSM15,
LBT14, MR08, NZKK11, PSLC11, PPP10, RBO+02, RMCA12, RCA+12,
SSMB15, SEF+14, YCL11, ZYZ06]. heuristic
[GCWE15, PPST09, SRM13b, YLR+13]. heuristics
[Ano06, BFR05, BB12, YPLJ11]. hexahedral [WO02]. HiCOMB
[Mar05]. hidden [EMEY14]. Hierarchical [LPG+14, BDV02, EMEY14,
GKR14, PF12, TW07, VS02, XJZ13, Yos06, ZLA+15]. hierarchies
[DP14]. High
[AAP13, AP10, BA04, Ber07, BDT01, BHD15, DRZ13, DDE+12, EMEY14,
EB14, GM10, LSS15, Mar05, MLY10, MB02, NTK08, PHGK10, PW05,
PPBB14, RCB03, SFN12, SFH13, ZKJ+07, AC06, AC08, AKM+06, BCD+10,
BFM+10, BDV03, BBD10, BG+10, BDV02, BPD06, CLH+11, CSL14,
CEG+05, CPF+03, CRGR+12, Dam11, DL10, DPK10, DLFL14, DZM+15,
DA15, EDB+14, EMS15, ETR+13, FGC06, Fox12, FJG+13, GBR10,
GKR14, GBM15, GCN09, GA08, GDD+04, GVP+14, HDDG09, HLHC12,
HLCW15, HY12, JK13, KKT13, Kar14, KSM+08a, KTR11, Kri05, KF11,
KWK05, LL05, LCM12, LLH+15, LAL02, MMMP01, MPT07, M002b,
MHR14, MA15, RVRD10, SFR13, SFT15, SKA+14, SRL+14, SS07, SWZ12,
TTD+11, TFG+12, VS02, VJK13, VoSK+05, WL02, WK07, XLL+15,
ZH+13, BB02, CCW04, KS02, MP04, RR01]. High [SISO2].
High-accuracy [EMEY14]. high-bandwidth [GDD+04]. high-density
[FGC06]. high-dimensional [HLHC15, SWZ12, ZHZ+13]. high-efficient
[CLH+11]. High-end [GM10, JK13, WL02, ZKJ+07]. high-integrity
[KWK05]. High-level [AAP13, NTK08, BDV02, MPT07].
High-Performance [AP10, BA04, Ber07, BDT01, BHD15, DRZ13,
LSS15, MB02, PPBB14, RCB03, AC06, AC08, AKM+06, BFM+10, BPD06,
CEG+05, CPF+03, CRGR+12, Dam11, DZM+15, FJG+13, GBR10,
GBM15, GCN09, GA08, GDD+04, GVP+14, HDDG09, HLHC12,
HLCW15, HY12, KSM+08a, KTR11, LL05, LLH+15, LAL02, MMMP01,
RVRD10, SFT15, SS07, TTD+11, VS02, VoSK+05, WK07]. high-productivity
[TFG+12]. high-resolution
[BDV03]. High-speed [ZKJ+07, DPK10, DA15]. High-throughput
[EB14, EDB+14, Kri05, SKA+14]. high-volume [MHR14]. higher [JMF09].
Highly [MKAKG14, DCK12, KM03, TCP+05]. Hilbert [KHHC13].
Hilbert-order [KHHC13]. HIRLAM [VCW13]. HLA
[DBR13, MT08, ZG04]. HLA-based [DBR13]. Hoare [vO01]. hoc
[CNPP09, Den07, DA15, EB10, HKA+15, IHB15, KOO12, KKK10, KABD07,
MLRR09, Sha15, YWM+10]. holistic [GVP+14]. holonic [FD01]. home
[PBD+15, LMOT10]. home-therapy [PBD+15]. Homomorphic
[Tan15, CZL12]. hop [B13, DZ13, JKZ03, MS07, MA15]. hormone
Impossible [WYL14]. improve [GIVRC+10, TRW07]. Improved [RF15, CBHTE11, KKK10, LWK15, PLZ14, XHH12, ZWW14].


Information [Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano14f, Ano14g, Ano14h, Ano14i, Ano14j, Ano14k, Ano14l, Ano14m, Ano14n, Ano14o, Ano14p, Ano14q, Ano14r, Ano14s, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano15l, Ano15m, Ano15n, Ano15o, Ano15p, Ano15q, Ano15r, Ano15s, Pie08, SARL13, AP10, And13, ASG+08, CZ15a, CW09, GD08, HSM14, KKW+14, KSC12, KTM+09, LLKC08, LWG+15, MLRR09, PLR+14, PAM+15, PME+08, QMK12, SW11, TMS+12, WAD12, Boc12, LWL+06]. information-based [KSC12]. Infostation [TW07]. infrastructure [ACMA07, CRC+15b, CZO+08, CWMZ06, Cyb06, DMA13, JQSP08, KJMD14, KA11, MCWL06, MPT07, MP03, PFU+05, PCH+08, SACJ04, WWL+15, YDB+13, ZWL+13, ABB+15, DR15, WLR05]. infrastructure-less [DMA13]. infrastructures [CHL15, GWVP+14, GKP+09, Is011, Kac11, LSMVM15, MVML11, RLS+09]. inheritance [Lyoo02]. inhibiting [BGGS14]. Initial [VDL+15, MRS+09, RBBH02]. inlining [LVH05]. Innovations [ACD02]. input [AAI12]. input/output [AAI12]. insider [DCG15]. inspired [ABG+13, CSL12, CP14, GPVcdBRO12, HAE09, PCS+12]. installment [DL07]. instance [MCWLO6]. instance-oriented [MCWLO6]. instances [Is011, LHH+14]. instantiations [KCB09]. Instruction [GSG06, LHC14]. instructions [AB01, PBSB04]. instrument [MH07]. instrumentation [BDMM+05, RS07]. instruments [MH07]. insulated [LDZ+14a]. integer [KVGH11]. InteGrade [CML+10, CC10, GKG+04, dCGKG06]. integrated [ABC+08a, AMSR14, AFR09, Fec12, GKS+07, GLC+04, JZZL06, KB06, LZC09, FXY+07, ROA+07, Sch02, VDL+15, YGL05, YP10]. Integrating [AP06, CRC15a, ZKR+07, BGV+01, BH05, CLX07, DCY+08, HCG07, MCD+15, SKA+14]. Integration
integrity [AL04, CJZZ10, KWK05, XHCL15]. Intel
[AB01, CLRBI5, MCP+12, SWB12, Tan12, VDL+15], intelligence
[PCS+12]. Intelligent [BM12, BFVRC15, ESZ09, Hus15, KKT13, LXL+09,
ULS03, WZT11, XCHK14]. intensive [CBHTE11, HZHP09, LCYJ08,
MWL+13, RMCN+07, TKA+02, VJHB05, YR15, ZWF+06]. inter [HJB12].
inter-node [HJB12]. interaction
[BPdM06, HC07, I ´ABE11, MMMP01, MB14, MP03, YZR14, ZP06].
interactions [JQSP08, RCT03]. Interactive
[VLKY+10, WJ09, CEH+06, CZWH07, GRGP12, HHWZ08, IBvA+02, KTBO4,
MCY+14, PML+05, sVB06]. interconnect [AS15, NZKK11, JAA08, KMA04].
interconnects [CKRO13]. interdependent [Sha15]. interdisciplinary [CN02].
interest [CRC15a, DCJ14]. Interface [KKHJ03, AJMJS05, GHB+06, HRR+11,
Jad02, KOB01, ORVBO4, ULS03, WKL14, AMHC11, SWL+01]. Interfaces
[WD07, LOKW+10, vHK+11]. interfacing [ASS+05]. interference
[WLL14]. InterGrid [dABV08]. interleaved [GSG06]. intermediate
[YYL+12]. International [Ang07, CR08, CL08, CO09, CW11a, CR13, CS06,
DR15, FZ08, Niu06, Mar05, CL13, WT15, AF14]. internet
[RS13, XPWF15, AD15, Den07, GTA10, IAH+15, LWW06, LTKF11, MK15b,
MB15, RMCN+07, RO12b, SS15a, SRN+15, ZZY+15]. Internet-based
[RMCN+07]. Internet-of-Things [MK15b]. internetworking [dABV08].
interoperability [ET09, GLC07, ZBC+07]. interoperable
[FLMRC02]. Interoperating [CHL15]. Interoperation
[RLLS+09, HAA+07]. interplay [SD11a]. interprediction [RSMFE+12].
interprocess [TV14]. intersection [Eng15]. interval [FLMR02]. intra
[HJB12, XPS+15, CRC+15b]. intra-group [XPS+15]. intra-node [HJB12].
Intra-Operative [CRC+15b]. intrinsics [KL12b]. Introduction
[HTBR12, HTW14, Pie08, PDS14, RHT13, Run10, SHT11, VK12, ZQH12].
intrusion [LL15, SPW09, WLZ11, WZXX12]. intuitive
[GvHKK11, RRWS08]. inventory [LXP+12]. inverse [GG09, PV04, PLZ14].
inverses [GE08]. inversion [BEQOR13, RSTV05]. investigate [WJT+14].
Investigation [YWA07, BDW14, HK01, KKK10]. invocation
[MKB01, BVGVEAFH11, NNMS01]. IO [DL10]. Ion [KF11]. IoT [IAH+15].
IP [YLJL12]. ipcmd [WKL14]. iPortal [LDG15, WWL+15]. IP[v6-enabled
[ORSL13]. IPv6-enabled [ORSL13]. IQ
[CEH+06]. IQ-Services [CEH+06]. irregular
[AAA+07, GPZ04, HR06, QR04, LYL07]. IS-FMIPv6 [WCLH12].
ISABELA [LSE+13]. Isabelle [Sch04, v001]. Isabelle/HOL [Sch04, v001].
ISCOPE [Fool05]. ISENGARD [KA11]. islands [dABV08]. isolated
[KD10]. IsoSurface [DCG11]. Issue
[AHP+13, Ang07, ANO02, Ano14a, Ano14b, Ano14d, Ano14c, Ano14f,
Ano14g, Ano14h, Ano14i, Ano14j, Ano14k, Ano14l, Ano14m, Ano14n,
Ano14o, Ano14p, Ano14q, Ano14r, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano15l, Ano15m, Ano15n, Ano15o, Ano15p, Ano15q, Ano15r, Ano15s, AM07, BA04, BM12, BHD13, BM04, Ber07, BKZ+13, BDB+13, BL09a, BL09b, BL11a, BL11b, BL13b, BL13a, CWZL13, CCCW13, dOCPFJ13, CLTT13, CR08, CC09, CW11a, CKRO13, CAG+13, CS09, CS06, CMT13, CM07b, CS13, DRZ13, DRS+13, DVL13, DDE+12, DLM13, DH13, EBMD13, ETR+13, Fed13, FN13, Fox01, Fox05, FG06, FZ07, FS07, FZ08, GG07, GM10, GvHKK11, GMF01, GHPR05, HL13, HQoS11, HF05, HTW14, HMPPT13, HFTQ13, JJGL13, JX06, KS02, KM13, KR06]. Issue [Kni06, KB12, Lee09, LXRJ13, LMKT13, LV12, LDXC13, LW13, MWL+13, MS13, Man08, MSP+13, Mar05, MFG+13, MISV13, MLY10, MLA08, Nar05, Nel05, NSSAK13, ODS+13, OM06b, PLY13, Par02, PRD+13, PHGK10, PW05, Pie08, PB07b, PK08, Puf13, Qiu11, QFT14, QLS13, RMP+13a, RHRB13, RK01, RTMZ13, Run10, SN06, SCNH07, SANB08, SRdS09, SF10, SRF13, SFD11b, TM01, Tho07, TH10, TWB13, TFDA07, Tur04, Ur07, VK12, VCW13, WAS07, WZZL13, WC08, WCLC13, WD07, WDM14, Wis02, XZLW11, XBXS13, XW13, Xu08, XJJZ13, YLD13, YLR+13, YLJZ13, ZWL+13, ZLY+13, ZLN+13, Zha08, ZHY09, ZHY12, ZHZ+13, ZL09, vdS06b, AF14, CL08, CR13, CL13, EL01, GTGT11, Hdv13, Hus15, LBW14, LL13, OEP+15, PDD14, QLL10, RHT13, TP14, WAD12, WDGK15, HTBR12]. Issue [SHT11]. Issues [Nel05, vdS06a, AAI12, DP14, GB07, GLC07, MCCG11]. Itanium [JLT06]. item [ZSZ+14]. items [CT11a]. itemsets [HMM+09]. Iterative [SAD13, AYN+14, AAC+15, CSTV06, EDSV09, GSV03, HC07, JSS07, KKG004, LLB04, NO02, Nak02, PSRR14, YGG14, ZW09].

J2EE [BG04]. JAC [HL06]. Jacobi [RR11]. JaMP [KBVP07]. Japanese [SMO2]. Java [Fox01, Fox05, HTW14, VK12, KvGS+14, AJMJS05, AK01, ASS+05, AFT01, Bac03, BVGVEA11, BVGVEAFG11, BH05, BDT01, BP03, BK05, BS+03, CM05, CG01, Cog03, Cog04, DL13, EFG+03, EL01, EABVG14, FR02, FT06, GYB+11, GE08, GPW03, GPW05, GS04b, HL13, HL06, HYX05, KHM+11a, Kob01, KBVP07, KSR14, KW01, KWK05, LH05, LAL02, LLdA08, LSW07, LGFM05, Lyy02, MLVB05, MCY+10, MMG03, NMMS01, NC05, NMKB03, OGA+01, PSM03, PPMH15, PSW11, Puf13, RTET15, RS12, RHT13, RCB03, RRO1, Sch04, SCBH09, SM03, SGV12, TTD+11, VDC03, VHBB03, WCC05, WJH06, WBM+10, WK12, WCC04, XHH10, YP10, ZS01, ZYZ06, vHMB08, vNWM+05, vRKS03, vRS05, vLFG01, vLGL+02, vO01]. Java-based [AK01, MCY+10, NC05, vNWM+05]. JavaBeans [LR05, YAA07]. JavaNws [KW01]. JavaSymphony [FJ05]. Jcluster [ZY06]. JCSP [WBM+10]. Jeeg [MS05]. JEL [DvNM+11a]. JLI.FI [BLA+14]. Jigsaw [CWL03]. Jim [Bou13]. JIT [GE06]. JML [MPHL03]. Job [BWW+08, KSM+0b, NNK+07, BLSP11, EGG+04, GQ04, J009, KWL+04, NV09, RMCHMG15, Sod05, WZGL06, YCL11, ZF14].
job-centric [KSM+08b]. jobs [CNP+15, LGCJ+13]. join [LFZ07, RR15].


Knijnenburg [OS09]. Knowledge [ZL09, Can06, CLTT13, Cuz11, FGP+11, LHXY08, LXL+09, NZKK11, RSTV07, SKA+14, SZL09, WLDL08, YTF+01, ZGL07, Zhu15, FS07, LFH+08, NZKK11, SPR+07, TMZ07, ZL06, Zhu07, ZDL07].

knowledge-based [Can06, YTF+01]. KOALA [ME08]. Kunlun [ZGRSC10]. KWATT [QEB+10].

L [LFG05, EMS11]. Laboratory [BBGA03]. LAF [DXG13]. Lambda [KCW09]. landscape [KHM+11b]. Language [WLR05, BGM03, CJ12, HAA+07, KS04, LCFkL05, MRH14, Nob08, OOTK01, PTcn07, RSSM06, TMAG03, Wit10, ZYL+08]. languages [BDV02, CGK14, Hol06, LWB13, SPBL06]. Large [AML+15, HTR10, KBT+14, LW05, PDD14, SVN12, AA+09, BH09, BGGL07, BCM+07, BZJ+10, BMPS07, CEH+06, CHM15, CBQ+11, CGN15, CPS+14, CDH+15, DVD+12, DLM13, DZM+15, EBGS01, ERZ+11, FBV+13, HFDJ10, JAA08, JCK+13, JPWH02, KRS11, KCC+14, LJRJ+13, MFC+13, MCY+10, MKA+14, MB14, MJD15, PAM+15, QLS13, RVRD10, RKS02, SK09, SLV12, SCB09, SGCG09, SLM05, TTL06, TBK06, TRH+02, TB12, WZXL12, WSL12, XBS13, YLEB14, ZYZ06, dCRS11]. large-data [CEH+06]. Large-Scale [PDD14, HTR10, KBT+14, LW05, AML+15, BH09, BCM+07, CHM15, CBQ+11, CGN15, CPS+14, CDH+15, DZM+15, ERZ+11, HFDJ10, JAA08, JCK+13, JPWH02, KCC+14, LJRJ+13, MCY+10, MB14, MJD15, PAM+15, QLS13, SK09, SCB09, SGCG09, TRH+02, WZXL12, WSL12, XBS13, YLEB14, ZYZ06, dCRS11]. latency [LWF+15, MVWJ14, PRD+13]. Latest [MPGD14, SRM13a]. Lattice [LMKT13, MWSL11, BFM+10]. Lattice-based [LMKT13]. lattice-Boltzmann [MWSL11]. layer [EB10, HKA+15, KKJH03, KR11, SKS+08, Tru15, WRLS12]. layer-based [KR11]. layered [DCW09, LDZ+15, LGQS12]. layout [HP11, IT03, TBK06]. LC [LLYL09]. LC-GRFA [LLYL09]. LCG [NCD+08]. LDPC [SCLK15]. LEAD [CM07a]. leadership [LLT+14]. leading [DWC09]. Learning
least [ABV05, MLL+11]. least-squares [ABV05]. Lecture [Bou13]. legacy [BR04, MMS07]. legends [BH05]. Legion [NNTH+02, NCWD+04]. length [CL14]. less [DMA13]. Lesser [ON01, ON02]. lessons [LLT+14, OGA+06]. Level

[MP04, AAP13, BPL12, BDV02, CK13, CSS10, CCC12a, DPGA11, GCO+14, GPW05, HBJ12, KM03, PKHJ03, KAP13, LLKC08, LPY+08, MPT07, MJD15, NTK08, OGA+01, SLr13, TTD+11, VS02, WBZ10, YS07, dCHMJ12, dRC10]. levels [GKPT13, JMF09, SLB08]. levelset [FYKW15]. leveraging [GKG+04, LGD15]. LFTM [MMBP12]. LHCb [SRTG+07]. libraries [ASS08, BHL+09, CL01, MD02, TTD+11]. library [AMHC11, CSWB11, GDM+12, HKRR08, KS05, ON01, ON02, YB12, vWAH+02]. Life [LGD15, Qin11, QFG14, QFT14, Bou13, GvHKK11, OGA+06, RTPPH12]. lifetime [CLH13, DMA13]. lifetime-aware [CLH13]. lifetime-driven [DMA13]. ligand [EDB+14, TCP+05]. light [ON01]. light-weight [ON01]. Lightweight [FLB+05, NR08, Bac03, CJZ+15, FLL+14, KN01, ON02, RBB+09, WZXZ12, vRS05]. like [CCG+08, KOB01, TWN07]. likelihood [SLM04]. likelihood-based [SLM04]. limits [BGGS14]. Linda [Men03, WCC04]. line [CRC15a, DMR+07, ESG+11, zGWXT09, HK01, NA15, WKL14]. line/off [zGWXT09]. linear [AAC+15, ADJ+14, BHL+09, CC13, CL14, CNP+15, DK09, DLH01, HLYD12, JSS07, KD07, KLDB10, Nak02, OHJ13, PZH+15, SD15, SLB08]. linear-time [DLH01, PZH+15]. linguistic [MCG+08, MMBP12]. Link [LLX15b, IHB15, LXL+09, PZH+15, WRLS12, ZM13, Zhu07, ZYL+08, ZZ11, ZX11]. link-based [ZM13]. links [LFZ07]. LINPACK [BCD+10, DLP03]. Linux [EEK+04, BdL06, KFO1, PKB03]. Linyphi [DEF08]. list [RCX09, WLLL15]. literature [SKA+14]. live [EJD15, RMP13b]. liveness [IR11]. Load [FED03, AS15, BGV+01, CW11b, DBR13, DL07, FJ05, FT06, FC06, GCL08, KKT13, KL02, KRO4, LM08, MKI04, SBDP15, WLL03b, XBJ10, YSL+15, YZ10, ZYL10, ZEB10]. load-balancing [FT06]. load/unload [YZ10, ZYL10]. loading [LKW+10]. local [AMHC11, BY12, DAC12, LW05, LLYL09, PLL14, WW08]. locality [BMP07, FJ05, KRS11, PLR+14]. localization [BAT13, KBH15a, ZY12]. location [GMS09, JBL15, LWY15, PWC+14, YKD+15, ZSZ15]. location-based [PWC+14]. lock [LWB13, ON02]. lock-based [LWB13]. locks [KNT+01]. log [FYBO12]. logarithmic [LCM12]. logging [BMA03, BB010, BHB13, RM11, YLLZ09]. logic [BH09, DLH01, FMS11, HWXZ08, LWW06, vO01]. logistics [LWC12]. logs [WCLC13]. LoM2HiS [EBMD13]. long [SCR11, SVN12]. long-running [SVN12]. lookup [MA15, WTN07]. loop [CPXA06, DAB09b, HBKM06, OGA+01, YWC11]. loop-level [OGA+01]. loop-scheduling [CPXA06]. loops [JLT06]. Loosely [Sod05]. loss
loss-tolerant [XBW+15], loss [LLN+14], Low [BCF12, GHMX13, LDZ+15, MA15, VS02]. Low-cost [BCF12], low-density [LDZ+15], lower [FOTW04]. LR [ALVY05], LR-PCR [ALVY05]. lubrication [GB07]. Lucene [DKMM+14], LURR [YZZ+10]. Lustre [DL10], LZ [AL04], LZ-77 [AL04].


matching [MWPL15, PQP13, RTMZ13, ZZY+15]. matchmakers [DHCL13].
matchmaking [WHXzL15]. MATE [MCSML07]. material
[LOKW+10, NAP+07, Sod07]. materials [XBB13]. Mathematics [WT15].
MATLAB [PIAH12]. matrices [AKG13, WZ04]. Matrix
[BEQOR13, AB01, ADMQ014, BCI+09, CWMW15, DS04, ER12, FJZ+14,
GDMT+12, GS04b, GW15, GR14, HT15, KHZN06, MCP+12, NA15, PIAH12,
PLR+14, SAD13, TDM+15, VS02, VFG11, YDS+14]. matrix-matrix
[AB01]. matrix-vector [GW15]. maxflow [BCG14]. maximization
[JZL15, LCYJ08]. Maximizing [MRS+10, PV15]. maximum [SLM04]. May
[Run10, JW10]. ME [XHHJ12]. MEAD [NDP+05]. mean [SC07a, CKOG10].
means [GMPT15]. measure [TTL06]. measurement [BCC+05, BSZ09,
BDP+14, CJZZ10, HFDJ10, JJGL13, KNT+01, MWW10, XHC15].
measurement-based [BCC+05, JJGL13]. Measuring
[dFMSPSW06, Tan12, XLYX11a, XLMH14]. mechanism
[BKM+07b, CLH13, DDX+06, FT06, HKA+15, KGGT12, LLF08, LLSL15,
MMBP12, ON02, SGC09, dAAVS12, YYCH10]. mechanisms
[CW09, CCT15, CLW+15, GP07, MME13, OSK+01, PGK11]. media
[PWC+14]. mediation [SGD15, Kin04]. mediator [OOTK01, RJ01].
medical [KSG11]. medium [YBO10]. Meeting
[TKK+11, WAS07, WC08, Xu08]. megabyte [HSHT14]. megabyte-scale
[HSHT14]. Membrane [QLF+06]. Memory
[SBDP15, AAW+02, BB02, BDV02, CACC11, CBPP02, CLH+11, DFC12,
DV13, DS15, GTFA13, GYB+11, HTL05, JL06, KO06, KC06, LLdA08,
LPC+14, MVWJ14, MLC04, MLP04, PCVZ+04, RCM12, RLRG15, SS07,
SS15b, WS09, WmV+09, YGL05, YWY+10, YYS15, YHH13].
memory-supported [RCM12]. mer [GR13]. Mesh
[BOB13, OKM10, CC13, DEF08, Fer13, LB11, WO02, XJZ13]. meshes
[FYKW15]. mesoscale [BDY02]. message
[AD02, BCM+07, BMA03, BBD10, BHBD13, Gog11, HdV13, MP05, NMB03,
PFU+05, RMG+10, RM11, SVS+08, SSZ14, WLK14, AMHC11, SLW+01].
message-oriented [MP05]. message-passing
[BCM+07, RMG+10, RM11, SVS+08, SSZ14]. meta [BKCP09, HPHB+15].
meta-predictor [BKCP09]. meta-workflows [HPHB+15]. Metadata
[AFPO08, DV13, GD08, GBG+14, KKL09, SK08, dCMHJ12].
metagenomics [WWG+11]. metaheristics [GIVRC+10]. metaphoric
[PdCM+12]. metascheduler [CRCC09, CHL15]. Meteor [JQSP08].
Method [BVGVEAFG11, NMM01, AS15, BJ01, BGM03, CACC11, CW11b,
CNP+15, FOW04, GPW05, HWZX08, KO06, KZY15, KC13, LDXC13,
LFH08a, LSW07, LCJ14, MKB01, MO2a, MRH14, PCD15, QLF+06,
QLD+11, TCP+05, WZJD13, YYC10, YLD13, YGG14, YZ10, ZZYW10,
ZDC15, ZWW14, AS15]. method-level [GPW05]. methodological
[GVC10, MCG11]. methodologies [PPST09]. Methodology
[LG08, FTRA15, KOO12, MDX14, SC07b, TWB13]. Methods
[Qiu11, QFG14, QFT14, AM01, DJJ11, Dra15, GSV03, GCPS+14, JSS07,
KRS11, LW05, LY14, MB02, QH10, SE01, YDB+13. metric
[NvV09, WLW14]. metrics [FJG+13, OORVB14, vAVS12]. MFIX
microsecond [AHP+13]. Microsoft [TH10]. Middleware
[AJM12, ANTZ09, BCM+05, KR06, MvNK+06, MFF04, Nar05, SN06,
SCNH07, SM11, SBB12, AvdADtH09, AHM06, Ang08, CEH+06, CC10,
CM06, CM02, CBP+04, CGB+06, CRG+12, DDP+06, DvNM+11b,
ERZ+11, FGP+11, GKG+04, HGB+08, JQSP08, KKV13, MP05, MB12,
NJ05, PGO+04, QLC04, RE03, RS11, RDP10, VS09, XPBS11, ZWP+06,
dCGKo6, vHMBo8, SANBo8]. migrating [KBG+09]. migration
[ACC+12, GMS09, Jon09, KM13, MSP+13, MRS08, MP04, RMP13b]. Millenium
[VRMB13]. MIN [BTG06]. MIN/MAX [BTG06]. minimal
[HMM+09]. minimization [HLHC12, PC14]. Minimizing
[TY15, DBR13, JKI3, YDL09]. minimum [DLM13]. Mining
[FYO12, WCLC13, XLYX11b, ZGST08, CV07, CT12, EPB14, HMM+09, LLG+15,
LMOT10, Mal05, TTV12, ZSM+12, ZXR09, ZKR+07, LMOT10].
misbehaving [MAdS+10]. missions [ZJS11]. Mississippi
[HBH02]. mitigation [OrdSL13]. mixed [CSTV06, DS04, KD07, Pla08].
mixed-parallelism [DS04]. mixed-pixel [Pla08]. mixing [Bou06]. mixture
[PPP10]. Mobile
[CKC09, MWJ+10, XHH12, AKM13, Aia15, AMSS15, BAS07, CJ12, DA15,
GBSHA01, HKA+15, JLLH14, KOO12, KKK10, LIH+09, MABP13, MDX14,
PK11, PCD15, PRS01, QKSJ07, QMK12, Sha05, SS15a, VTI3, WHXZ15,
WZS+15, YCW08, YWM+10, YCWH07, ZMD11, ZY12, vHMB08, MWJ+10]. Mobile-Grid
[MWJ+10]. Mobility [Den07, MJ11]. Model
[MIK12, ABG+12, ASWR12, AKM+06, ABG+13, Bac03, BVGVEA11,
BCLiCT06, BRY02, BB+14, BAZ09, BBD+10, BDG+10, CL01, CAC+08,
CTY15, CWH07, DCC14, DWC09, DHC11, EMEY14, EJ15, Fec12, GQ04,
GD06, GWVP+14, GVP+14, HZHP09, HY12, JAA08, KA09, KV12, KCC09,
KHZ+15, LYN+12, LLWS09, LKPM09, LXP+12, LZT12, LLX+15a, LFH08a,
LZ08, LCO9, IWLZ11, MLS+15, MLG15, MS13, MBC+14, MGM+08,
MSV+10, NO02, PSW11, RCR+15, SSK01, SK04, SSZ14, SE01, TYHL12,
TFC+12, TZYH12, TW07, TMAG03, Tru15, VCC13, WBB+07, XDL+11,
XTZ10, YGL05, YHH+14, YHH13, YLJZ13, ZQLZ12, ZCL14, ZSL+15,
Zyy+15, ZCS06, Zhu07, dP06, vHvdSvL03, vdABST, AFR09, PGW06,
PXY+07]. model-based [BAZ09, EMEY14, PSW11, YHH13].
model-driven [KHZ+15, XDL+11]. Modeling [ADMQO14, DLH01, DAL15,
FPC15, MBC+14, RR15, SPZ+10, WMA07, Zo06, ZBC+07, ZYL+08,
ACC+12, AHP+13, BM02, CLZX10, Cuz11, Dra15, FRU12, GAE+06, GW15,
LLX+15a, LBDS15, TM+07, XWFH08, XM02, ZDA+07]. Modelling
[MS10, BBPV05, BBGA03, Eng15, IAH+15, LG08, LJML10, RW10,
dFMS, SCV, VGL, vSB, [Models [Fox10, OM06b, SRdS09, AGMR05, AFG+05, ABDR13, BDY03, BAGS02, CLH+08, CLR15, DvdS06, DLM13, HWZ08, KSG11, KKG04, LPA+08, MLP04, MSG10, OKM10, OHJ13, SNE14, TSL15, TLW14, VYK+10, WCLC13, Zho06, ZBC+07, ZDC+09, ZLA+15, vdS06b]. modern [BCI+09].

modes [JMF09, RR11]. Modular [MPHL03, CZO+08, YF13].

class [LLQL14].

modules [FGC06, ISS+02].

MOEA [ACIC+13].

core [Hun15].

molecular [AHP+13, BDW14, BBGA03, DCD+14, DG11, EB14, GKS09, GBG+14, KF11, RMCN+07, TCP+05, WJT+14].

moment [JW10].

monitor [BKH08, CCCC06].

monitoring [BAT13, FLB+05, HFDJ10, HGB+08, LLL15, NMM+10, QLC04, TBK+15, XBXS13, ZSZ+14, MCSM07].

monte [ATVLM14, RDP10, SS15b, WZJD13].

Morton [TBK06].

MoSGrid [HPHB+15].

motif [DRZ13].

motion [ABG+13, TNH15].

move [Ros06].

movement [BCD+02].

Mover [AC08].

Moving [LTF11, ATSAK15].

MpCCI [JK06].

MPI [BBB+13, BR04, CC10, CDMS15, DL10, EDSV09, FLB+05, HRR+11, KCO6, LL01, LZC+02, LKJ30, LCC+03, LKYS04, LSK04, MvWL+10, PDY14, QB12, WLR05, YWC11].

MPI-2 [LKK04].

MPI-CHECK [LCC+03].

MPI-IO [DL10].

MPI/RT [SKD+04].

MPI/RT-1.1 [SKD+04].

MPI2007 [MvWL+10].

mpiBLAST [YHK09].

MPICH [LKJ03].

MPSO [FTT15].

MR [SRM13b].

MR-search [SRM13b].

MRMOGA [JG07].

MS [CV07].

MS-Analyzer [CV07].

Ms8.1 [ZGRSC10].

MBN [AC09].

MTA [BS04].

MTA-2 [BS04].

Multi [BAT13, CCC12a, CTT11, DL07, KH12, TSL15, WJ12, WBD+03, ZRO9, ZYH09, AT01, AFGLO9, AYN+14, ART14, BPL12, BIK+11, BKSM+15, BDY03, dCPD13, CKGO10, CZI5b, CGN15, DCK12, DA15, EFG+03, EHSU07, GPvcdBRO12, HJB12, HKAC14, HAA+07, IZXM09, JCVU15, JC07, JL10, JNO9, JK10, KSG11, vdKEL01, LDPZ14, LPM+08, LQL+09, LSSMVM15, MHLC+05, MS07, MFG+13, MH07, MLVBW12, MOL+10, OLG+15, OM06a, PZ11, PRT09, PTCN07, Puf13, RKBH11, SKK02, SAD13, SLV12, SPW09, SNV12, TMAO3, VLF+13, WLWX14, YCL11, YLC11, ZWL+13, ZM13, dCRS11].

Multi- [ZRO9].

multi-agent [CGN15, GPvcdBRO12, OM06a].

multi-asset [DC12].

multi-cloud [LSVMVM15].

multi-cluster [Jon09, YCL11].

multi-component [SVN12].

multi-constraint [SKK02].

multi-core [XZ09, AYN+14, ART14, HKAC14, IZXM09, KSG11, LQL+09, PZ11, RKBH11, SPW09].

multi-cores [BKSM+15].

multi-datacenter [ZWL+13].

multi-dimensional [ZM13].

multi-functional [LDPZ14].

Multi-GPU [KH12, VLF+13, dCRS11].

multi-grained [MDL+10].

multi-graphics [OLG+15, SAD13].

Multi-hop [BAT13, MS07].

Multi-installment [DL07].

multi-language [HAA+07, PTCN07].

Multi-level [CCC12a, BPL12, HJB12, LPM+08].

multi-objective [JCVU15, JC07, vdKEL10, MHLC+05].

Multi-organization [CCTW11, PRT09].

multi-party [WLWX14].

multi-powermode [JL10].

multi-processor [AFGL09, Puf13].

multi-rate [DA15].

multi-resolution
Multi-scale [WJ12, SLV12]. multi-server [CKOG10].
multi-threaded [BIK+11, EFG+03, EHSU07, TMAG03]. multi-use
[CZ15b, MFG+13]. multi-user [AFGL09, MH07]. Multi-wavelength
[WBD+03]. multiagent [CCCW13, YZR14]. multibody [XM02].
multi-core [DP14, ZQH12, ADMQO14, ATNW11, BHM+12, BHKW12, BLKD08,
DRZ13, DJM12, EPB14, FP09, GGV14, HLYD12, JdM12, KLDB10, LXRJ13,
LS14, MSPl+13, Nob08, PDY14, PPBB14, QB12, RVD+12, SCRVL11, SDL+12,
SSK11, SM09, SW09, TYTY15, WJ09, XL+15, YWC11, YB12, ZYH12].
multitasking [IOOH12]. multithreaded [ABC+15, AAC+15, BS10, BÇG14, GR506, GA09, PS07, RS07, TKA+02,
WT10]. multithreading
[BCM+07, CC12a, GE08, KIM+03, MKIO04, PHCR09].
multithreading-based [GE08]. multiuser [LZW13, JZL13]. multivariate
[DLJ15]. Multiversion [BMS+09, BT04]. multiversioning [TJF14].
multiview [RK15]. multiwatermarking [WL12]. multiway [vSB06].
mutual [BDH15]. MVTC [BT04]. MyCoG.NET [PTCN07].
myExperiment [DGA+10]. MyExperimentalScience [FMMD13].
MyPYTHIA [HCD+10]. myVocs [GRSB09].

Naming [GMS09]. nanosecond [GCO+14]. NAS [NNON02]. national
[CW07, GBMM15, HSM14, HT14]. native [SW12]. Navier
OpenCL-based [WJP14]. OpenFlow [GCWE15]. opening [LZC14]. OpenMP [CBPP02, GG09, HDDG09, JCP15, KOB01, KBVP07, KBG+09, KC06, LHC+07, LL01, MLC04, Nob08, YWC11]. OpenMP-like [KOB01]. OpenMP-oriented [MLC04]. OpenFlow [GCWE15]. operational [LWLZ11, ON02, PCVZ+04, SRM+15, SSMB15, YYS15]. OpenStack [BB15]. OpenUH [LHC+07]. operating [Cha03, LBDS15, PT12, YL01]. operation [LWLZ11, ON02, PCVZ+04, SRM+15, SSMB15, YYS15]. Operative [CRC+15b]. options [ZTM12]. Optimal [BB12, CCCW13, KB06, CSBL12, CW11b, DKJ13, ER12, JLI0, LS15, LQL+15, RCA+12]. optimality [Mal05, Viv03]. optimisation [GCWE15, GvDHS12]. optimism [LLT09]. Optimistic [SSMB15, RM11, XPS+15]. Optimization [DVD+12, MO02b, OA02, PSM+11, PWX+07, ZDX12, BSP11, dCPD13, CSL12, CL07, HAA+07, JLT06, KKT13, LSMVML15, MHLC+05, MBB+05, MCB14, MCAB+02, NRR15, PLR+14, QSMK04, RK15, SWH08, SD11a, TV14, VJHB05, WCCl05, WmV+09, XDE+04, YPLJ11, ZHT08, ZT09]. optimization-based [TV14]. optimizations [JCVU15, KKL09, VHBB03, VCW13]. Optimizing [BH09, BBK11, Cha03, CQXW14, CCG+08, GE06, HM12, ITK09, KRC11, PSCK+15, RKS02, RC09, RSMFE+12, SK09, SRL+14, TK10, VS11, YZZ+12, DAL15, EDBS08, LF15, LHC+07, WTN07]. options [DCJ12, PW12, TJKH12]. orchestration [LM08, MK15a, PPC+15, RBNG15, SHP14]. order [KHHC13, LW13, MSV+10, PCT04, RC09]. order-based [PCT04]. ordering [RMCHMG15]. organization [CCTW11, DDX+06, PLY13, PRT09, ZBC+07]. organizations [CG10, GRSB09, PCH+08, ZYN+07]. organized [KOO12, LAM+09]. organizing [PB12, RIFR10, XDE+04, ZWMT12]. oriented [AM01, AAHRW04, ACS10, BR10, BGM03, BAVMI11, BM08, BML08, CL01, CLTT13, CGS15, CLH+08, DII01, EABVGV14, EB05, GYM14, GKG+04, GMF01, HmLGP03, HK02, HWR03, HFTQ13, JLCA07, KS04, LFIO8a, MCWL06, MP05, MLC04, OCS01, Pre01, QSMK04, ROA+07, RJ01, RW10, RDP10, SBBE07, SKK01, SWL+01, TTV08, TGB+10, WBBH08, WZZL13, YLJZ13, YB12, ZFT08]. Origin [LL01, LSK04, PIIH04]. orthogonal [LZW13, LCG14, RRR04]. orthologous [COdO+11]. other [KHW05, Sod05]. Out-of-core [ABC+15]. out-of-the-box [XHCL15]. outreach [AMRT14]. outsourced [WDLL10]. overflow [LW06]. overhead [MA15, Tan12, YLZ09]. overheads [LIdA08]. overlapped [GBFP09]. overlapping [PGW06, Yos06]. overlay [LWF+15, RIFR10, RH07, VvSI07]. overlays [BDF15]. overview [DCG15]. ownership [PNB04].

[CS13, GWC11, MLS12, PRS01]. Parallel [AMHC11, Ano15a, BGGS14, BHQOS15, Bok12, BDY02, BLKD08, CC13, CMPT08, CACC11, CCW06, CSTD06, DCG11, DSO01, FMLRC02, FCT14, GKSR14, GA08, GSV03, GKK09, HLCW15, HM04, ISS14, JN03, KLP08, KB12, LKPM09, LS05, LBH07, MKB01, MOQOH01, MSM14, NO02, Nak02, ODS13, PDD14].

PAR-3D-BLAST [SL14]. paradigm

[CBK14, FI05, PRS01, ZBP06, ZDC14]. paradigms

[CS13, GWC11, MLS12, PRS01]. Parallel [AMHC11, Ano15a, BGGS14, BHQOS15, Bok12, BDY02, BLKD08, CC13, CMPT08, CACC11, CCW06, CSTD06, DCG11, DSO01, FMLRC02, FCT14, GKSR14, GA08, GSV03, GKK09, HLCW15, HM04, ISS14, JN03, Kni06, KLP08, KB12, LKPM09, LS05, LBH07, MKB01, MOQOH01, MSM14, NO02, Nak02, ODS13, PDD14].

parallel [DvNM11a, DT01, EMEY14, ESG11, FH07, FJ05, Fec12, FBY13, FKMK15, GMTO7, GG09, GQ04, GDMT12, GM04, GE08, GvDHS12, GWC11, GPZ04, HMM10, HPVRPF14, HD13, HSHT14, ITO09, ISO14, ITO03, JCH07, JCLA07, KBO1, KHZN06, KM03, Kes04, KL12a, KTR11, KRS11, KPS14, KR11, LW05, LRR03, LK03, LPH09, LM07, LDZ14b, LG08, LB11, MST10, MJL01, MRS03, MBC14, MO02a, MBB01, MPSGD14, MJD15, MCM07, MvML10, MML10, NSBR07, NMM10, NC05, NvV09, NNON02, ODS13, PW12, PSG03, PPHM15, PS10, PY04, PRC14, PSM11, PPST09, PT12, PSCK15, QH10, RRI15, Reo01, RRI11, RGL15, RLRG14, SL14, dFMSPSW06, SV09, SRM13a, SRM13b, SER15, SK04, SCBH09, SM03, SBP15, SIM10, SVS10, SLM05, SS15b, TY15, TCH13, TF03, WLLL15, WDG14, WCR14]. parallel

[WLW14, WMDM07, WLL03a, XPBS11, XCHY13, YYCH10, YWC11,
[AHP+13, AF14, AC06, AFG+05, AM07, BA04, BB02, Ber07, BSP11, BY12, BD04, BUVS10, BLSP11, CML+10, CRCC09, CCW04, DDE+12, DMA13, ESG11, FMM08, FN13, FJG+13, GG07, GLMT15, GS04a, GHPR05, HJB12, HKS+12, HK01, IH15, JF1+08, JLH14, KAL07, KS02, KC06, LRS03, LSS05, LHL10, Li04, LIG+15, LKYS04, MST+05, Mar05, MLY10, MWW10, MN10, MWLS11, Ne05, NJ05, OCC+05, PFU+05, PG030, PHGK10, PW05, QB12, RK01, RMNC+07, SI02, SWB12, SFN12, TWR07, TM+07, WKT08, WWC11, ZPG10, AA+07, ABF+10, ABDP15, AP10, AAC+15, ADI+14, AC08, AKM+06, BCD+10, BB12, BFM+10, BM08, BS10, BDT01, BBD10, BDG+10, BDW14, BDH15, BPD06, CMW02, CC13, dOFCPJ13, CKOG10, Cha03, CBPP02, CNG13, CFP+03, CRR+12, DLPV07, Dam11, DRZ13, DDX+06]. performance
[DS02, DMR+07, DL10, DFLL14, DZM+15, EGGA+04, EMS11, EMS15, ETR+13, FFB+01, FM10, Fox12, GFB10, GW10, Ger05, GF07, GMT07, GO10, GKR14, GGV14, GBMM15, GCN09, GA08, GWVP+14, GTA10, GW15, GVP+14, HM12, HHDG09, HMM+09, HPS05, HI10, HLHC12, HY12, JWY+05, KF15, KA09, Kar14a, KHZN06, KWH05, KL12a, KCB09, KSM+08a, KTR11, KW01, KL05, LM07, LSS15, LH+15, LFH08a, LQ+09, LAL02, LL01, LKJ03, LSK04, Mal05, MMMP01, MLVB05, MBC+14, MOK04, MO02b, MDV07, MA15, MB02, MM10, NMM+10, PSR14, PPB14, PF15, RVRD10, RCB03, RGL+15, RM03, SM02, dFMSPSW06, SRF13, SFR15, SCC+10, SCBH09, SSK11, SM09, SIM+07, SS+14, SFH13, SFT15, SRL+14, SL+10, SS07, TTD+11, TXYL12, TR07, TF03, VS02, VJK13, VDL+15, VDSK+05, WK07]. performance
[Fer13, Sod07, TB12, VDPC03]. PI [ZYY10]. PID [LWW06]. pilot
[RMCHMG15]. **PIPE** [SMBT07]. Pipeline [CGS15, TCBR11, WWG+11]. pipelined [DKJ13, GPV09, RCA+12]. Pipelines
[EMS15, SHST13, WSW+12]. Planning
[MLVBW12, BPB08, DHH+13, LZH+15, PPST09, XLZD13]. plant
[GPW03, ACFT15, ATNW11, CJZZ10, DJM12, FÁBE11, MD02, NO02, PPC+15, RCM12, WWL+15, XBB13, YP10, CEG+05].
platform-as-a-service [ACFT15]. platforms [AYN+14, BEQOR13, BCM15, BHQS15, KSR14, LQL+09, MB12, PRV11, QLS13, SER15, The01].
play [WYAB07]. pleasingly [GWC+11]. PLPP [MMS07]. Plug
[WYAB07, BKM+07b]. Plug-and-play [WYAB07]. plug-in [BKM+07b]. Plug-and
plugging [BKM+07b]. POGGI [Ios11]. point
[BTG06, LCM12, LDZ14b, MMS07, OTG+07, WCR+14, YZZ+10]. point-set
[WCR+14]. points [LCJ14]. PoLAPACK [Cho01]. Polder [IBvA02]. policies
[KKV13, NNvVdA09, OSK+01]. policy
[CVK15, LFWS15, RAFD14, YL01]. policy-based [CVK15]. pollution
[BGdCCA11]. polymorphism [KS04]. polynomial [CH04]. Pool [HR06].
pools [KR04, TK10]. POP [JWY+05]. popular [PBF15]. population
[XBSX13]. portability [ABDP15, GFBR10, JWY+05]. portable
[BMV03, DPP03, DT01, LHC+07, RMG+10]. Portal [Nov02, SPR+07, AHB+10, AC02, ACC+07, BAD+11, BFM+06, CW07, HCD+02, HAA+07, Kac11, KBH+15b, MCY+10, NRW04, PYF02, PGP+10, YWA07, YBB+07, YLEB14, ZDA+07, ZKA07, vLDA07, ACMA07, CM07a, HBH02, NTH+02].
[WYAB07]. portlets [ACF+07]. pose [RK15]. possibilities [HGT14].
Possible [SCNH07, PFU+05]. postseismic [ZGRSC10]. potential
[RMCN+07, YZ10, ZGL07]. Power [KBB11, MSP+13, TQL+14, ADMQO14, AMSR14, DMW+10, DGR+07, GKG+04, MFG+13, WRLS12].
Power-aware [KBB11, MSP+13]. power-saving [MFG+13]. powermode
[JL10]. PPAM [WT15]. Practical [EA12, JWY+05, XW13, HWZX08].
Practice [Ano06, FH01, TH10, CHPvdG07, Fox12, GTL06, Hun15, JCK+13, RKS02, TTL05, TDM+02, YDB+13]. practices [GRG12]. practitioners
[HMPPT13]. Pre [PWJ10, SGCG09]. pre-distribution [SGCG09].
Pre-seismic [PWJ10]. precedence [Hun15]. precision
[KD07, LCM12]. preconditional [JN03]. predicates [YZ+12]. predictability
[WLZ11, ZSL+10]. predictable [MDX14]. Predicting
[SIM+07, DFC12, FBC10, XDL+11]. prediction
[AD02, BPL12, BDT313, DRM+07, DKMV07, GPV09, JF1+08, KA09, LLX+15a, LS05, NNK+07, PSRR14, SL10, ZTM12]. predictor [BKCP09].
Preface [BM12, LL13, Nag10, NM10, LS14]. prefetching [BKCP09, CM05].
Premia [CLL14]. preprocessing [CV07, LQL+15]. preprocessor [PBSB04].
presence [LGFM05, MOK04]. present [DLP03]. preservation [ZLN+13].
prices [BGGS14]. Pricing [ATVLM14, PGW06, TZKH12, CL07, DCJ12, DCJ14, HLCW15, MB02, ZO14].
primary [CP14]. primer [SSM04]. primitives [ABDP15, BCGG02].
processes [FÁBE11, IÁE11, IÁBE11, Jost05, SGG07, XZH09]. Processing [SMBT07, WT15, ATVLM14, ACC+12, ADF+13, BDW14, BHQ0515, CY15, CR09, CP14, CS13, DDP+06, DCJ12, DCJ14, DG11, DJZ+15, DL07, DT15b, EMS11, EPA15, GVV14, JdM12, JZLL06, Kar14a, KC13, KKL06, KLP+08, LPS+09, LP09, LKPM09, LDZ+15, LH+15, LWLZ11, LPG+14, MCB14, MK12, MPSGD14, MLW+15, OL+15, PSRR14, PSST09, Pla08, PSCK+15, RMP+13a, RLZ15, RS11, RCA+11, RCR+15, RK15, SPMP11, SPZ+10, SAD13, SK04, Str11, SEF+14, TZKH12, VDL+15, VCW13, WJT+14, WCLC13, XPBS11, XCHK14, XZT+11, Yos06, ZLLL11, ZWL+13, ZO14, ZDG+14, dRC10]. processor [ABDP15, AGL09, CLR15, GSG06, KD07, LHC14, LL01, MCP+12, Pu13, RR04, YL01].
Processors [ZH09, AAC+15, ADMQ014, BHM+12, BHKW12, CSWB11, GCPS+14, JLT06, KBE07, KKW+14, KL12b, KLDB10, LLY07, LLY09, RVD+12, SPW09, TYTY15, W09, ZHY12]. product [ER12, PLR+14, VFG11].
program-to-program [BPdM06]. programmability [DP14].
programmable [CSWB11, FRKS12, NNH+14]. programme [TWB13]. Programming [CLTT13, CGH+06, MCP+12, PA08, RWK+02, SRdS09, SF10, UR04, ALVY05, BB02, BAVM11, CNP+15, CLRBl5, DK09, EBGS01, EB05, FJ05, FMS11, GA08, GvDHs12, HR06, JZZL06, JLaCa07, KOB01, KIM+03, KSG11, Kes04, KS05, LL05, LCFkL05, LWB13, MLS+12, MKIO04, MRH14, NO02, PBF15, Pre01, RRR04, RGV09, SK04, SPBL06, TFG+12, TMAG03, WO14, YWC11, YB12, ZDB+14, ZDC+09, vNMW+05]. programs [ABF+10, BB04, BV11, BK05, BL04, CL10, DAL15, EFG+03, EL01, EHSU07, FSPC02, FLB05, GRS06, GM04, HL13, ITK09, KO06, Lzc+02, LCC+03, MTFV14, NA15, PS07, RR15, RS07, SVS08, SSZ14, TF03, VJHB05].

Progress [FS07, BKM+07a, BKM+07b, KKM+06].

projects [KKM+06].

promoting [CNP+15]. propagation [KB13, TIWZ14].

properties [ABDO09, CSL12, IAE+11, KM13, MPhL03].

proposed [CG01]. protect [BGdCCA11, ZBP07].

Protecting [LWY15, YKD+15, SW11].

protection [ALZR11, CIZZ10, RR01].

protein [BPL12, BDTdS13, MPR04, NCWD+04, SL14, SRL+14, TCP+05, TTD+05, YA04, SHH+14].

Pseudospectral [DGJ11].

PSLS [KM03]. PU [PLZ+14].

Public [LZC14, GWVP+14, LFS15, LMOT10].

Public-key [LZC14].

Public-resource [LMOT10].

Publication [HLB10]. publications [WDGK15, WDM14].

publish [BBPV05, MWPL15, Tkk+11]. publish/ subscribe [BBPV05, MWPL15, Tkk+11]. publishing [HCG07, WYAB07].

Pure [GvH12, VDPC03]. pure-Java [VDPC03]. purpose [ABDP15, ETR+13, LKPM09, PSSR14, RMP+13a, SW12]. purpose-based [SW12].

puzzle [CWC10, Ios11].

PVFS [KKL09]. pyGlobus [Jac02]. PySy [WO14].

Python [Jac02, WO14].

QNX [KF01].

QoS [BPB08, CL07, CLX+12, GYM14, GMPT15, LLX+15a, LDXC13, PRD+13, QLD+11, RC09, RCKV12, Tkk+11, WRLS12, WSW+12, XWFH08, XZHW09, YBO10, YLR+13, YCWH07]. QoS-aware
Quakesim [PGP+10]. Qualitative [LRS03]. Quality
MCCG11, AAHRW04, CM02, CRGR+12, HAvI13, KTM+09, LDPZ14,
OORVB14, PSM03, PEM+08, RBO+02, YJL12. quality-of-service
CRGR+12, KTM+09. quality-of-service-based [RBO+02].
quantification [BCF12]. Quantitative
BKZ+13, GYB+11, ACM06, vAVS12. quantity [CZ15a]. Quantum
HPHB+15. quasi [LOKW+10, NN07]. quasi-immutable [NN07].
quasi-static [LOKW+10]. quasicyclic [LDZ+15]. quaternions [CH04].
queries [BLA+14, LFZ07, ZYZ+12]. Query [SPG08, DDP+06, FBYO12,
KLP+08, LWY15, LW13, MRS03, XLYX11b, XZT+11, ZLLL11, RCXS09].
querying [GR13]. question [CZWH07, HHW08], questions [GR13].
queue [ESGQ+11]. queueing [MLBVW12]. queues [WKL14]. Queuing
DZ13, YHH13. Quick [RCXS09]. quiescence [MCG+08].

R [Ano06, PSM+11]. RACAM [YYC10]. race [PS07]. radial [SPZ+10].
radiation [ZWW14]. radio [AD15, EA12, JKZ03, LCMY13, NLYZ12,
SHST13, TZYL13, XBX13, YCZ+13, LSY+12]. radio-frequency [AD15].
Radiotherapy [CRC+15b]. raising [AMRT14]. RAN [SHST13]. random
DFC12, HMPPT13, Li04, LMO15, RTPPH12. random-walk-based [Li04].
Randomized [AKM13, ABD09]. range [XZT+11, ZLLL11]. ranking
[De08]. Rapid [WSRM12, GBMM15, NTK08, WWG+11]. RAST
[WWG+11]. rate [DCJ14, DA15, GHMX13, MST13]. rating [SWZ12]. ratio
YZ0+10, ZYL10. rational [WLWX14]. rationality [LC09]. RAVE [GAW09].
Ravenscar [KWK05]. RAXML [SLM05]. RAXML-II [SLM05]. Rayleigh
[MS07]. RBF [SPZ+10]. rCUDA [RSC+15]. RDF [GKP+09, UMD+13]. re
[CZ15b, DBR13, LFWS15]. re-arrangement [DBR13]. re-encryption
[CZ15b, LFWS15]. reachability [CL10]. reactive [QLS13]. readings [CS13].
Real [AT01, EN09, HTW14, RK15, SSM04, Tur04, VK12, YJL12, ZTM12,
BVGEA11, BLA+14, Cuz11, DvNM+11b, EPA15, EAGVBDS11,
EABVGV14, FBH+01, FRKS12, FLB+05, FAB+07, GKK09, GTH06, KOO12,
KHM+11a, Kal11, KvGS+14, KBB11, KSR14, KW05, LWB3, MSP+13,
MFF04, OSK+01, PSM03, PSW11, Puf13, PRU14, RF15, RHT13, SIOS02,
ZG04, NDP+05, SKD+04]. Real-Time [HTW14, Tur04, VK12, AT01, EN09,
RK15, SSM04, YJL12, ZTM12, BVGEA11, BLA+14, Cuz11, EPA15,
EAGVBDS11, EABVGV14, FRKS12, FAB+07, KOO12, KHM+11a, Kal11,
KvGS+14, KBB11, KSR14, KW05, LWB3, MSP+13, MFF04, OSK+01,
PSW11, Puf13, PRU14, RF15, RHT13, ZG04, NDP+05, SKD+04].
real-world [DvNM+11b, FBH+01, SIOS02]. realistic [SAOKM04].
realization [TGB+10]. Realizing [FRKS12]. realm [XZJ11]. reaming
[Bou13]. Reasoning [PMB15, BH09, LLH+09, NKK+07, NnvVd09].
Reclaiming [ABDR13]. re-clustering [HM12]. recommendation
[HCD+02, RLZ15, ZX09]. reconfigurable [CGB+06, KHZ+15].
reconstruction [FMS08, KSM15, MJL01]. record [LH14]. recordings
[CMT13]. recovery [DBB+13, KCS07, MG09a, PGB03, YLLZ09].
Recurrence [CM05]. recursive [DIK14, DFLL14]. Recursively
[YYCH10, YYC10]. Recycling [WGG+07]. red [HW14, KC13, BUVS10].
red/black [KC13]. Redesigning [BBD13, KCS07, MG09a, PGB03, YLLZ09].
reduce [CCC12a, DIK14, GGLD11, LLdA08]. reduced [GA09, LHC14].
Reducing [CMMB13, BBK11, RCMB11, RMCA12, XZHW09, ZBZH11].
reduction-based [LLX+15a]. reductions [BTG06, GPZ04]. redundancy
[ED03, SC07a, XLYX11a]. Reed [CSWB11, KCS07]. Reengineering
[MMS07]. Refactoring [CM06, WZZL13]. reference
[ABtGT+12, AP06, HW03, vdABST10]. referencing
[PAM+15]. refinement [LB11]. refining [IS10]. reflective [CBP+04, HGB+08].
guarding [SWH08]. region [AT14, GR14, MZS+10]. regional [PNL10].
Register [WLL14, CCC12a, LHC14, LLY07, LLYL09]. registry [FMM08].
regulatory [KHM+11b]. reinforcement [BHD13, CCCW13]. relational
[SC07a], relations [XLMH14]. Relationship [ZYL10]. relationships
[AFGL09, HM09, LLX13]. Relative [SAC+07]. Relativistic [HW14]. relay
[DI13, SC13, TKHA13, WRLS12, ZPG10, ZJL13]. relay-based [ZJL13].
release [JW10]. Reliability [Dab09a, CAG+13, MST13]. reliable
[DA15, HKA+15, KKL06, VO15, YLY04]. Remote [NMMS01, ASWR12, AHM06, HWR03, MWL+13, MWL+15, PJJ+14, PRS01, RSC+15, SHST13, TAB+06, WZT07, YHZ+14, ZWL+13, ZLYT06, BVGVEAFG11].
remote-sensing [ZLYT06]. remotely [Pla08, SPMP11]. removal
[RC09, ZWW14]. removing [LFG05, LLYX11a]. rendering
[ASWR12, WJ09]. Rendezvous [Kri13]. Rendezvous-based [Kri13].
reordering [GKK09]. repackaged [AMSS15]. Reparallelization
[KBG+09]. RePast [MT08]. replica [WSW+12, YYY10]. replicas [BF07].
replicated [MKB01, TMS+12, ZH08]. Replicating [Kad11]. replication
[ASS08, BPD06, DFLNP07, ESZ09, GMS09, NCM+08]. report
[WWG+11]. Reporting [LRS15]. repositories [BH09]. repository
[BM10]. representation [mLG03, LFH+11b]. representing [BSZ09].
reprogrammable [XBB+15]. Reputation
[AMRW06, CHZ010, MK15a, CZWH07, CLX+12, XLL+12, ZQLZ12].
Reputation-based [AMRW06, MK15a]. reputations [SA08], request
[BV03]. Requests [CKSC10, LL10, RSR06]. require [K006].
requirements [Cau06, FPC15, MG09b, Sod07, SE01, KBH+15b].
resampling [ZP14]. ResAna [KvPS+14]. rescheduling [NB12]. research
[ACMA07, EMB11, LPW15, SBB+15, YTF+01, HGT14, SHG+07].
researchers [MTHK14]. reservation [DFPT06, VDB09, VO15].
reservations [ET09, RSR06]. reservoir
[KCZ+05, LAC+08, MBP+05, PML+05]. resident [WCH+07]. resilience [XPWF15]. resilient [EPA15]. resistance [ZQLZ12]. resolution [BDY03, OLG+15, WYQ+13]. resolutions [JC07]. resonance [EMEY14, KSM15].

Resource [AC02, ACC+07, CEM+08, FBC10, LLF08, LQL+15, Men03, NNvDa09, RSR06, SJB14, TAB+06, TCH+13, YLC11, BHD13, BKK+07b, BDP+14, BAGS02, BM02, CA06, CZ11, DFPT06, DS07, DvNM+11a, EdPG+10, ET09, EBMD13, God12, GSV06a, GAW09, HSM14, HHKA14, KV+15, KvGS+14, KSR14, vdKEL10, KTB04, LVN+12, Ley06, LC09, LL05, LQL15, MRS+10, NB12, PPC+15, PGW06, PRP+15, QLC04, RBR15, SLV12, SPJ14, SGB12, SD11a, TK10, VDB09, WP12, WLM+11b, XLZD13, YPLJ11, ZJL13, ZMS+15, ZLA+15, ZPY+15]. resource-aware [GAW09, SGV12]. resource-constrained [ZLA+15]. resource-efficient [LLL15]. Resources [WD07, BDI+07, BFVRC15, CR12, CLH+08, GGFPGB14, GD06, GKP+09, HKG08, KBT+14, KFS+06, NCWD+04, SWH08, VAC+07, Wit10, XCL09, ZMZD11, ZBP07, ZDL07].

JK13, LLdA08, RMCA12, TMAG03, WRC09, WMvP+09. runtimes [JFI+08]. rupture [LOKW+10]. RWS [LPA+08].


Scheduling [BKSM+15, DJM12, GRS06, IQOvdG13, KLDB10, LL10, SRdS09, SF10, ABC+08b, Ang08, ATNW11, BFM+06, BAGS02, BM02, CCC12a, CPXA06, CL07, CTTW11, DSO+01, DKJ13, DRC07, ESO9, EABVVG14, GSG06, GQ04, GA09, HZHP09, Hu15, JZL14, JZL15, KV12, KW11, KSPM12, KO06, KKV13, KR11, LF15, LHL10, LLK08, LHC14, LWFL14, LHT+09, LCYJ08, LQL+09, LJML10, LQL+15, MSP+13, MRS03, MK15b, NSBR07, NC05, ON02, PRT09, PRV11, PV15, QLS13, RRHB13, RF15, RCA+12, SV09, Sod05, TKB09, TZYL13, TTYT15, TY15, TV14, VBW06, Vix03, WGLZ06, WRC09, WL11a, WZZL13, YWC11, ZEB10, ZL12, ZXXN06, dAAVS12].

Schemes [CT11b, SE01]. schema-mapping [CT11b]. scheme [CALL+15, BOB13, CC13, CCW06, DBR13, DA15, FLL+14, ISO+14, KMA04, vdKEL10, LDZ+14a, LFWS15, LJML10, LJC14, TZYL13, WYQ+13, WZZX12, XCL09, XHH12, XBZ10, XWXC14, Yos06, ZEB10, ZGX11].

Schemes [WS09, CPXA06, ESQ+11, zGWXT09, LX08, ZDX12].
Scholarship [LVN+12]. Scholes [BHPS14]. schooling [LKPM09]. schools [GKM+08]. Schur [GKK09]. Science
[BSC+15, CGK+07, DMM+07, HF05, MTA+07, Sod07, WAS07, WC08, WD07, Xn08, ZYH09, ACF+07, ACFT15, CBHTE11, CDH+15, DGA+10, FKP+02, GBMM15, HAvi13, JCK+13, KA11, LMH+14, LFH+08b, LGD15, MCD+15, MWL+15, MTVF14, NAP+07, Nak02, OTG+07, PGP+10, RTPPH12, SLm+10, WHW10, WBD+07, WBD+03, YR15, YLEB14, ZSL+10, ZWV+06, ZYH12, vHKt+11, BD08, FGP+11, GTGT11, PME+08, RLS+09, SPR+07, SM11, SBP12, SGV12, VBW06, WHW10, WDGK15, YDB+13]. Sciences [Qui11, QFG14, QFT14, GvHKK11, OGA+06, Sod07]. Scientific [Ber07, LAB+06, AFG+05, AKM+06, BML08, BYT+12, BS+03, CGH+06, DRS+13, DHH+13, DCF08, GHB+06, HZHP09, HCD+02, JPHW02, LSE+13, LMH+14, LL05, LPH09, LTKF11, LNCY11, LFH+08b, MMMP01, MMW+12, MYDM06, MCD+15, MRJ+14, MM10, ODS+13, OCC+05, Par02, PFC+09, PGO+04, QLD+11, RSSM06, RCXS09, RC09, RRWS08, SM02, SM09, SD11a, SKA+14, SGG07, TMF+10, TCBR+10, TCB11, TC12, WRC09, YK10, YYL+12, ZP06, ZDL07, dOO+12, vRKS03]. SciScope [BvIF10]. scope [BDB+13]. scratch [YWY+10]. scratch-pad [YWY+10]. screening [GCPS+14, KBT+14]. Scripting [BYT+12, Nob08]. SCRRM [DA15]. SCTP [DLPV07]. ScyFlow [MYDM06]. SDK [CG01]. search [And13, BMS+09, CMW02, DXG13, DAC12, DKMM14, G08, GKS+07, MPR04, PPST09, RIFR10, SRM13b, SER15, SPLO06, WPJ14, XLYX11b, XZT+11, YPL11, ZK08, ZBZH11, ZHZ+13, ZCS06]. search-space [GKS+07]. searches [LLB04, RM03]. searching [SL14]. SecNRCC [XBW+15]. Second [Ang07, CL08, CR13]. secondary [LS05]. secret [TQL+14, XW13]. Section [ZQH12, RBP12]. Secure [ALZR11, LMO15, ZMZD11, ZZ14, ZZ15, AYSZ14, BOB13, CLMM12, DK09, FLL+14, KD10, LLL14, LDZ+14a, MWJ+10, MG09b, WLW11, WLWX14, XCHK14, WXWC14, XBW+15, YWM+10, ZGX11]. secured [CK13]. Securing [VT15, XLWZ11]. Security [AKK+07, BM04, Boc12, KV12, Kin04, SK08, XZ09, XBM14, YWT+12, Zha08, CGOF15, FPC15, IZXM09, KKK10, LZC14, LLL15, MCW106, NLYZ12, OEP+15, PMB15, SW09, WAD12, XHZ12, XADLC15]. Security-aware [KV12]. SEED [JZL14]. segment [FJZ+14]. segment-based [FJZ+14]. segmentation [ALVY05, BÇG14, EMEY14, WJ12, YHJ+14]. Segregation [Ang08]. Seine [ZP06]. Seismic [JW10, ACC+12, PWJ10, RSTV05]. seismogenic [MZS+10]. Selected [WC08, Xn08, PDD14, YWA07, WAS07]. selecting [EAGYBDVS11]. Selection [PB07b, PK08, BFVRC15, CDA09, CWC10, GMY14, GLMT15, KTM+09, LFH08a, MABP13, MBC+14, MSM+14, NNvVdA09, YYC10, YLD13, ZK08, ZLY+13]. selective [Jon09, LZC14]. Self [HHKA14, MO06, MO15, VD05, WLZ11, WXWC04, AM15, BFVRC15, CSL12, DHV03, FMS11, KF15, KO012, LM+09, LJML10, NSBR07, PB12, RP08, RVRD10, RIFR10, VH12, XDE+04, XJZ13, YDL09, YWC11, ZWMT12].

Service-oriented
[ROA+07, RDP10, WBHW08, AAHRW04, ACS10, CLTT13, CLH+08, EABVG14, HFTQ13, LFH08a, TTV08, WZZL13, YLJZ13, ZFT08].

**Services** [HF05, ACF+07, ABR+06, ACMM06, AAB+05, BCX15, BHA+15, Can06, CV07, CPB07, CTY15, CR12, CT12, CSL08, CTH+06, Cuz11, DCD+08, FHH15, FMP10, FKP+02, FAB+07, HFDJ10, HCD+02, HLB10, Hu15, KGGT12, KBB11, LM08, MG09b, NAP+07, PSLC11, PRD+13, PGP+10, PCS+12, RBP12, SDB02, SM04, SPJ14, SFH13, TSL15, WBC+02, WL02, WGG+07, ZWF+06, AFPO08, CEH+06, GMS09, MSL+14, PWRR05, WGP+15]. **services-based** [HFDJ10]. **session** [BPdM06]. **session** [JK10].

**sessions** [TAB+06, YLY04]. **set**

[BGM03, BHB13, FJP+05, Kull14, LHC14, WCR+14, vRKS03].

**set-oriented** [BGM03]. **sets** [BZDr+10, LZZ+15, MKKB04, RKS02].

**settings** [WW08]. **several** [dCPD13]. **SGAS** [GEJ+08]. **SGI**

[LL01, LKJ03, LSK04, PIH04]. **shallow** [VLF+13]. **shallow-water** [VLF+13]. **ShanghaiGrid** [LWL+06]. **shaping** [MB15]. **shared**

[BOF15, BB02, BDV02, CBPF02, DIK14, Kes04, KC06, LHC14, MVWJ14, MLC04, PCVZ+04, PSLC11, RAUF14, XCL09, ZP06]. **shared-space** [ZP06].

**sharing**

[ADM06, BGDC1A11, GVK12, LLLJ14, LFWS15, LWB13, LLD08, PRP+15, TYYH12, TWW07, Tru15, WLL11, WL11b, YCZ+13, ZZ15, dRC10]. **shell**

[MO02a]. **shift** [ZJK10]. **SHMEM** [LSK04]. **Short** [ZGRSC10, LS15].

**Short-time** [ZGRSC10]. **Shortest** [DT15b, GP07]. **should** [PRS01].

**Shrinker** [RMP13b]. **Sichuan** [JW10, MZS+10]. **SICSA** [LS14]. **side**

[FIH15]. **sided** [LSK04]. **SIESTA** [SPH13]. **Sigir** [WP12]. **signal**

[KBH15a, LHC14]. **signature** [zGWXT09, LDZ+14a, WXY10, ZSL+15].

**signatures** [AYSZ14]. **signature** [LZT12, LMKT13]. **significance**

[AMHC11, HSHT14, OMO6a, YZZ+10]. **silicon** [BG14]. **SIM** [RMP+13a].

**SIMD** [KL12b]. **similar** [LJML10, WLZ11]. **Similarity**

[DHH+13, DHC11, LXL+09, MPR04, RVRD10, XLYX11a, ZZ14, ZHZ+13].

**Similarity-based** [DHH+13]. **Simple** [Cog04, Kuhl14]. **simplicity** [RIFR10].

**simplified** [LPG+14]. **simulated** [HXY+12, MK15b, WYZ12]. **Simulating**

[CMD11, Eng15, Lyoo2, The01, BDY02, EDBS08, SCV+08]. **Simulation**

[Ano02, CDMS15, EN09, KSM+08a, MZS+10, Tur04, vLRF+02, ATVLM14, AML+15, BM02, CGN15, CRV15, DVB14, DMR+07, FRU12, zGWXT09, HMPPT13, HLCW15, ISS+02, IBVA+02, JK06, KKS12, KCZ+05, LKPM09, MRHR14, MT09, Og02, RHBK11, Sch02, SFH13, SFT15, TRH+02, VDCP03, VLF+13, WJLD09, YPLLJ11, ZDB+14, ZFT08, SFN12]. **simulations**

[AHP+13, ABC+15, AMSR14, BCA+10, BFH+10, BDW14, BDY03, DVD+12, DGJ11, DBR13, FBV+13, GKS09, GBG+14, HTR10, KF11, LW05, LTM+14, MCY+10, MFF04, MT08, MWLS11, Nak02, PML+05, RTPPH12, RCA+11, RDP10, SWB12, SHP14, TGB+10, WDG+14, YDB+13, ZKJ+07, ZCD+12]. **simulator**

[DGR+07, LLLR03, RMP+13a, KHOW05]. **simultaneous**

[CCC12a, PHCR09, SRF13]. **single**

[GP07, JKZ03, KM03, MCP+12, MA15, MWLS11, OTG+07, SHST13].
ETR+t13, Fed13, FN13, Fox01, Fox05, FG06, FZ07, FS07, FZ08, GG07, GM10, GTGT11, GvHK11, GMF01, GHRPR05, HL13, HqoS11, HF05, HvV13, HMPP113, HFTQ13, Hus15, JJGL13, JX06, KS02, KM13, KRO6, Kn06, KB12, Lee09, LBWR14, LRJR13, LMK13, LV12, LDXC13, LW13, MWL+t13, MS13, Mur08, MSP+t13, Mur05, MFG+t13, MIV13, MLY10, MN10, MLA+t08, Nar05, NSSAK13, ODS+t13, OEP+t15, OM06b, PLY13, Par02, PRD+t13, PHGK10, PW05, Pie08, PB07b, PK08, Puf13.

Special [Qiu11, QFT14, QLL10, QLS13, RMP+t13a, RHRB13, RK01, RBP12, RTMZ13, Run10, SN06, SCNH07, SANB08, SRdS09, SF10, SRF13, SDi1b, TM01, Th07, TP14, TH10, TWB13, TFDA07, Tur04, Ur07, VCP13, WAS07, WAD12, WZZL13, WC08, WCLC13, WD07, Wis02, XZ09, XLIW11, XBSX13, XW13, Xu08, XJZ13, YLD13, YLJR+t13, YLJZ13, ZW1+t13, ZLY+t13, ZLN+t13, Zha08, ZYH09, ZQH12, ZH12, ZH12, ZL09, vdS06b, AF14, LL13, PDD14, RHT13, WDGK15, BM12, DDE+t12, HTBR12, HTW14, SHT11, SFN12, VK12, WDN14]. specialization [DAB09b].

Specialized [MPR04]. Specific [RO12a, RO12b, ZS01]. Specification [BPB08, GF07, AAW+t02, BVGVEA11, BCC+t05, CWZL13, Cog03, HM04, MYDM06, MPHL03, PS05, YGL05, YP10]. specifications [AAP13]. Specifying [HL13, MLL+t11, VH12]. Specmaster [WJP14].

gamma [AT01, CSBL12, HKB07, PPP10]. Speccomputer [WJP14]. spectral [AT01, CSBL12, HKB07, PPP10]. Specifying [HL13, MLL+t11, VH12]. Specmaster [WJP14].


states [CY07, TBK+t15]. static [An06, BFR05, CA06, GM04, KMAO4, LOKW+t10, SKK02]. statically [STWSP12]. statistical [AMHC11, HSHT14, TWB13, WRSLS12], statistically [DZ13, PPM1H15]. statistics [EDL15, TZYL13, WCA08]. status [Dik07]. STBC [LLQL14]. Stealthy [WOH+t13]. Steering [WW08, CKC09, MMMP01, MP03]. Steiner [LWK15]. stencil [GBFP09, SRM+t15]. step [CLS14, Hun15, IS10]. StgDomain [QH10].
surfaces [DG11]. surplus [RCKV12]. survey
[BHKW12, DSSM+15, DDF+15, GTA10, LAL02, LCH+06, MG09a, MK15a,
MJ11, RRBB11, RLZ15, Sod05, WGP+15]. survivability [ET15, MAS+14].
SW [PL15]. swap [DHI14]. swarm
dCPD13, RK15, XDE+04, ZHT08, ZTO9]. SWARP [PBSB04]. Sweep
[YBC+07, AAE+09, ISO+14, RMCN+07, YK10]. SweGrid [GEJ10].
SwinDeW [LCYJ08]. SwinDeW-G [LCYJ08]. swirling [dCPD13, RK15, XDE+04, ZHT08, ZTO9]. SWARP [PBSB04]. Sweep
[YBC+07, AAE+09, ISO+14, RMCN+07, YK10]. SweGrid [GEJ10].
Symposium [Run10]. synchronisation [WBM+10]. synchronization
[BHH09, DVB14, DKJ13, JK13, MS05, NN07, PCT04, RCA+12].
synchronize [FJ05]. Synchronous [GDD+04, Kes04, PSRR14, YB12].
synchrotron [ZWW14]. synergistic [ESZ09]. System
[AS15, AFR09, GEJ+08, PXY+07, XZ09, Zha06, ZBC+07, ACJ10, AAC+15,
Ang08, ASG+08, BFM+06, BRWB06, BAS07, BAT13, Cha03, CZWH07,
CJJ+15, CLSL14, CRB15, CLX+12, DL10, DZM+15, EK+04, FPC15,
FWU+04, GHB+06, HGG+09, HXY+12, HK1, HM+11, HYX+05, HGG08,
HGI1, HY12, HON04, IS+02, IT03, IBvA+02, JLH+14, JK10, KL02, KM03,
KDF+08, KAP13, KSM15, KKL09, KZ+05, LLR03, LM08, LLWS09,
LWC12, LLL15, LAB+06, MST15, MMW+12, MHR14, NNvdA09,
NSSAK13, PB12, PGO04, PP+04, PGW+08, RW10.
RSTV07, RSTV05, SACJ04, SNB+01, TYH+12, TTL06, TKA+02, TMS+12,
TMAG03, VGL06, WKT08, WLDR08, WXY+10, WLL03a, XHZ12, XBB13,
XTLG08, XLL+12, YL01, ZH08, ZEB10, ZL12, ACD02, PA08, WKL14].
systemic [BGV01]. Systems
[FG06, Fox10, HTW14, Man08, MN10, MZ06b, PDD14, RK10, SNM15, Ur07,
XLWX11, Zha08, AFG10, AM15, ALZ11, AM+15, AGM10, AC06,
An06, BBPV05, BFR05, BGG+06, BB07, BCM+07, BKH08, BD02,
BDP+14, BLS11, CCW13, CKG10, CLT13, CBP02, CY07, CWC10,
CHM15, CM06, CPX10, CST06, CG15, CCT15, Dab09a, DMR+07,
DFPT06, DLH01, DZ+W11, DJK3, DvNM+11b, DL07, EGG10, EB05,
EB05, Fec12, FD01, FN13, FBV+13, FJG+13, FM08, GFA13, GSB+12,
God12, GPVC+B012, GCL08, HmlGP03, HTR10, HCK08, IOOH12,
JAA08, JL01, JSS07, JN09, KNT01, KAL07, KF01, KN02, KSG11,
KHW05, KR15, KRS11, KHZ+15, KI07, LBTE14, LLK08, LX08, LZW13,
LPD14, LNZ08, LZC09, LNCY11, LTM+14, LBS15, LRS15, LCH+06,
LLQL14, LDS+08, MWP15, MG09a, MSP+13, MJ11, Men03, MME13].
systems [MWW10, MvWL+10, NLYZ12, NR08, OM06a, PVR+09, PC14,
PT12, QQ+13, QB12, RE03, RMCA12, RHT13, RCA+12, RHBK11, RCT03,
SBJ14, SK09, SAD13, SLV12, SLD+12, SARL13, SFH13, SFT15, SW09,
SD15, SSMB15, STWSP12, SS07, TKK+11, TWW07, TW07, VDPC03, VHL2,
WS09, WAD12, WCC04, WTN07, XPS+15, XWPH08, XCHY13, XWPF15,
XBXS13, XBM14, XLL+15, YTF+01, YWY+10, YCL11, YGG14, YHH13, YZR14, YYL+12, ZDC+09, Boe12, CR08, Pie08, VK12.

transfers [MLVBW12]. transform [PJW+14]. transformation
[CCC12b, CC15, Cuz11, LHC14, SKK01]. transformational [vWAH+02]. transformations [GKS+07]. transformed [BY12, WLL14]. transforms
[HP11, SEF+14]. transformed [BY12, WLL14]. translating
[IS10]. translation [SD03]. transmission [ASWR12, DA15, HLHC12].
transmission-cost [HLHC12]. transmissions [DZ13]. transparency
[GM09, SK04]. Transparent [KFS+06, CJZZ10, DPST06, MD02].
transport [RMCHMG15, VLF+13]. Transpose [AS15, TDM+15].
Transposing [KS04]. Transshipment [LXP+12]. travelers [MCWL06].
Trends [PT12, TFDA07, CY15, SRM13a]. Triana [CGH+06, TWSM05].
triangulation [CCW04, CCW06]. triangulations [DG11]. TRIBLER
[PGW+08]. Tridiagonalization [YDS+14]. triggered [EABVG14].
trophies [BG04]. Trust [CLMM12, GYM14, WRC09, WZZL13, ZCS06, AFGL09, MMBP12, OEP+15, TILW14, WAD12, XADLC15, YLJZ13, ZW09]. Trust-based [WRC09, WZZL13, ZCS06]. Trust-oriented [GYM14]. Trusted [QMK12, XL+12]. trusting [CM06]. trustworthiness
[HAvI13, MCPP15]. truthful [GP07]. tsunami [SPZ+10, CZL12]. Tunable
[ABC+08b]. tuning [BVGEAFC11, KAM11, SSR13, MCSML07].
Tunneling [PZZ08, PZZ10]. tuples [MZ06, vRS05]. turbulent [RR11].
Two [WBZ10, BdL06, DvdS06, DZ13, EMB11, GSB+12, HLHC12, LLKC08, LCJ14, MJD15, RVD+12, SCBH09, TBK06, Tru15, WLLL15, ZZC15].
two-dimensional [GSB+12, TBK06]. two-hop [DZ13]. two-layer [Tru15].
two-level [WBZ10, LLKC08, MJD15]. two-list [WLLL15]. two-party
[ZZC15]. two-tier [HLHC12]. Type [CG01, WL11b, GE08]. Type-safe
[WL11b]. types [Pun01]. typing [RR01].

Ubiquitous [MCY+10, HAE09, KR15, LDS+08, XCHY13]. UFS [HBKMO6].
Uintah [MB14]. UltraScan [MRJ+14]. UMM [YGL05]. unaware
[DFPT06]. uncertain [RTMZ13]. uncertainty [BCF12, vdKEL10, LAC+08].
uncontrolled [CAC+08]. uncooperative [BCK+09]. undergraduate
[MTVF14]. undergraduate [MS07]. unicast [CQXXW14]. UNICORE
[Erw02]. Unified [BBB+14, ATNW11, DvNM+11a, LHC14, ZWW14, GDST+12].
uniform [Bac03, LYL10, WP12]. unintended [Kin04]. unique [HMM+09].
unit [ACC+12, ADF+13, BDW14, CP14, DCJ12, DCJ14, DG11, DT15, GGV14, KC13, LKPM09, LDZ+15, MCB14, MPMSG14, OLG+15, PSRR14, RCR+15, RK15, SPZ+10, SAD13, Str11, TZZK12, VDL+15, VCW13].
unit-accelerated [BDW14, CP14, MCB14, RK15]. unit-based
[DCJ12, DG11, DT15]. units [ATVLM14, ABPD15, BHQOS15, CC15, JdM12, LPH09, LLH+15, MAdS+10, PSCK+15, RPM+13a, RCA+11,
SPMP11, SHST13, SEF\(^+\)14, WJT\(^+\)14, ZO14, ZDG\(^+\)14]. units/multi 
[SEF\(^+\)14]. units/multi-core [SEF\(^+\)14]. Universe [SHH\(^+\)14]. unknown 
[WXY10]. unmanned [LZH\(^+\)15]. unmixing [SPMP11]. unpacking 
[TNH15]. unreliable [BPdM06]. unrolling [HBKM06, KKG04]. unsharp 
PJW\(^+\)14]. unstable [RR11]. unstructured [Fe13, FYK15, LW05, 
LDXC13, LAM\(^+\)09, NNH\(^+\)14, NO02, Nak02, VDPC03]. Unveiling 
[AAC\(^+\)15]. UPCBLAS [GDMT\(^+\)12]. upcoming [BDG08]. update 
[FTRA15, VDPC03]. updates [KTR11]. UPGMA [LLH\(^+\)15]. upgrade 
[BuvS10]. uplink [SHST13]. upload [MME13]. upon [CR12]. urban 
[BH05, SBB\(^+\)15]. Usability [SLB08, KBH\(^+\)15b]. Usage 
[DRF07, AHH14, BDP\(^+\)14, JMF09, SLV12, dRC10, vLDA07]. use 
[CZ15b, FGC06, FBC10, JC07, MFG\(^+\)13, PRS01]. User [Hoh06, SK04, 
AFGL09, BKM\(^+\)07a, CZWH07, CSS10, CHZ10, CHZ12, HHWZ08, JGGL13, 
KKJH03, KFS\(^+\)06, MH07, RSC\(^+\)15, SHST13, Sod07, dRC10, vHKT\(^+\)11]. 
user-friendliness [BKM\(^+\)07a]. user-interactive [CZWH07, HHWZ08]. 
user-level [CCSS10, KKJH03]. users [HSM14, MDX14, MH07, YAA07]. 
Using [CLL14, CNP\(^+\)15, CFP\(^+\)03, DKMM14, JMF09, KW01, LLB04, 
LFZ07, PRD\(^+\)13, PLR\(^+\)14, PFC\(^+\)09, SHG\(^+\)07, SS15b, TRW07, WJT\(^+\)14, 
WLR05, YTF\(^+\)01, ZBP06, ZBP07, ATVL14, AB01, AD02, AMHC11, 
ASWR15, ART14, AC02, And13, BHL\(^+\)09, BCM\(^+\)07, BdL06, 
BAZ09, BYT\(^+\)12, CGOF15, CRC\(^+\)15b, CSBL12, CW07, CH04, CBBCD08, 
COdO\(^+\)11, CMD11, DPK10, DFLL14, ERZ\(^+\)11, FJG\(^+\)13, GRSB09, GG09, 
GGV14, HDDG09, HP11, HLBT0, KA09, KHM\(^+\)11b, KKW\(^+\)14, LW05, LS05, 
LTM\(^+\)14, LLQL14, LGD15, MRS\(^+\)10, MSL\(^+\)14, MBC\(^+\)14, MS10, MCB14, 
MRH14, MSM\(^+\)14, MvWL\(^+\)10, MT09, NO02, NNK\(^+\)07, NCWD\(^+\)04, NRR15, 
Ogi02, PWWR05, PDY14, PIAH12, PPP10, PCD15, PV15, PXY\(^+\)07, 
RVRD10, RS11, RMTZ13, RCA\(^+\)11, RSTV05, RK15, SM02, SNEP14, SPJ14, 
SNB\(^+\)01, SWB12, Slo06, SVN12, TMF\(^+\)10, VS11, WGLJ06, WCA08]. using 
[WBW\(^+\)10, YAA07, YWC11, YLC11, YR15, ZWW14]. Utility 
[LPSF11, CL07, JZL15, OLISS07, PC14, TAB\(^+\)06]. utilization [KC15, TK10]. 
utilizing [ZYH12].

V [WKL14]. V2 [MAH\(^+\)02]. validation [CY08, SC07b, vdABST10]. Value 
[CKOG10, BL04, WSRM12, ZHK\(^+\)13, DCK12]. Value-at-Risk [DCK12]. 
vanishing [LCJ14]. Variable [LBD15, MFG\(^+\)13, ZYL10]. variables 
[CMT13]. variance [JK13]. Vector 
[BF07, ER12, FJZ\(^+\)14, God12, GW15, JLT06, LWLZ11, NA15, OCC\(^+\)05, 
PLR\(^+\)14, SAD13, TDM\(^+\)15, VFG11, WJ12, WZJD13]. vectorization 
[BTG06]. vehicle [ZY12]. vehicles [LZH\(^+\)15, ZY12]. vehicular [HIB15]. 
velocity [ZMJ10]. verification 
[CY07, CY08, Cog03, Cog04, KN01, PSW11, Sin10, SE01]. Verified [KN01]. 
verifiers [AYSZ14]. verifying [LSW07]. versatile [SPSNvS07]. version 
[BCD\(^+\)10, BF07]. versions [RSM01]. versus [HLCW15, Kri13, MP05, Pia08]. 
very [BZdR\(^+\)10]. Vese [YHJ\(^+\)14]. VI [BBCG02]. via [ET15, EBMD13,
AFT01, BB12, BB15, BDF15, BAZ09, CG10, CH04, CFV+08, DFC12, EDB+14, EB14, EMS15, GRSB09, GPW03, GE06, GCP+14, HG11, KD10, KBB11, KBT+14, LLL15, LSMV15, MST15, MVML11, MRS+09, PLY13, PCH+08, RGCC15, RMP13b, SJB14, TB12, WKT08, XHCL15, ZYN+07, ZBP07, BBGA03, GGR[PB07b, PK08, PB07b, PK08].

RRWS08, SBBE07, SDB02, SZL09, UAW09, WBC[BDTdS13].

Waals[BF07].


Weaver[BYT+12]. Web[DWZ+11, DHC13, HHB02, MSL+14, WGP+15, CRC+15b, FHH15, GMPT15, LFHT15, MCY+10, TK10, WLDL08, YLEB14, vHK+11, AC02, And13, AHH14, ADD+05, AA12, BvF10, CTY15, CWL03, CLZX10, CW07, CDL08, CHZ10, CHZ12, DCY+08, DWC09, ET15, FÁBE11, FNN13, FMP10, FP09, GH08, GMS09, HFDJ10, HKAC14, HF05, KGTT12, KSC12, LVN+12, MMMP01, MK15a, MG09b, MWL+15, MN10, MVML11, PWWR05, PZ00, PZZ10, PYF02, PFC+09, PCS+12, QEB+10, RRWS08, SBBEO7, SDB02, SZL09, UAW09, WBC+02, XLX11a, XLX11b, YSL+15, YF13, ZX09, ZGST08, ZL09, Zic12]. web-based[CRC+15b, WLDL08, YLEB14, vHK+11, MN10, AC02, CW07, LVN+12, MMMP01, RRWS08].

whole [BK05, MSV+10]. wide
[BMA03, GEJ+08, RLS+09, RMP13b, WWL+15, XPBS11, BBGA03].
wide-area [BMA03, XPBS11]. widely [PGW06]. Wiedemann [SAD13].
wiki [BM10, DCEK15]. wikis [DSMM+15]. will [FMS11]. WiMAX
[TKHA13]. windows [QB12, KF01, KBT+14, XB13]. WinGrid [MT09].
Wings [KDG+08]. Wings/Pegasus [KDG+08]. Winograd [DS04].
Wireless
[AM07, BOB13, AKMZ13, BAT13, CQXW14, CLH13, CGKW13, DLJ15,
DFE10, DMA13, DZ13, DA15, FH13, GHMX13, HZC+14, JBL15, JZ13,
KBH15a, LL13, LDPZ14, LMO15, MDX14, MLRR09, MO15, OEP+15, RS13,
SCCG09, SC07a, VT15, WBZ10, WRLS12, WYQ+13, WZS+15, XBW+15,
XJZ13, YBO10, YKD+15, YCHW07, ZPG10, ZL12, ZGX11, dCHMJ12].
within [BPB08, BHA+15, DvdS06, PPC+15, YDB+13]. without
[HM03, ON02]. WMSC2010 [CR13]. WMSNs [VO15]. word [GSG06].
word-interleaved [GSG06]. words [XLYX11a]. work
[DKKL06, FMS11, FRU12, MTHK14, BAT13, CQXW14, CLH13, CGKW13,
DFE10, DMA13, DZ13, DA15, FH13, GHMX13, HZC+14, JBL15, JZ13,
KBH15a, LL13, LDPZ14, LMO15, MDX14, MLRR09, MO15, OEP+15, RS13,
SCCG09, SC07a, VT15, WBZ10, WRLS12, WYQ+13, WZS+15, XBW+15,
XJZ13, YBO10, YKD+15, YCHW07, ZPG10, ZL12, ZGX11, dCHMJ12].
workday [LZC08]. worker [ACIC+13, CAG+13, PRV11]. Workflow
[CL08, CC09, CW11a, CR13, FG06, KKM+06, ABC+08a, CEM+08, CY07,
CY08, CM06, CGH+06, CKBB14, Cy06, DRS+13, DCFC08, FMM+13,
GFG+09, GHB+06, HZHP09, HAA+07, HWZX08, JZZL06, KTM+09,
LPS+09, LX08, LC09, LWLZ11, LNCY11, LAB+06, LGD15,
OGA+06, PLY13, QVR+09, QVR+09, RHRB13, RCX09, RC09, RRWS08,
SWH08, SD11a, SPBL06, SRL+14, SW11, TKB09, WRC09, WL11a,
WZL13, WCL13, XZH09, YPLJ11, YYL+12, ZFT08, dSGD14, CR08].
workflows [BML08, BPB08, BYT+12, CLTT13, CMD11, DCG11, DKKL06,
GAE+06, HPHB+15, Hoh06, LPSF11, LCYJ08, LZC08, MWJ+10, MMW+12,
MYDM06, MCD+15, ODS+13, Slo06, TMF+10, TCBR+10, TCBR11, TCI2,
WGG+07, dAAVS12, DOOO+12]. Working [GG07]. Workload
[BVD02, SCC+10, ZF14, DKM07, HHA14, KHM05, MFG+13, SW09].
Workshop [Ang07, CL08, CC09, CW11a, CR13, CS06, DDE+12, Kni06,
Mar05, PB07b, PK08, QFG14, CR08, Qiu11, QFT14, Tho07, TH10].
Workshops [WDGK15]. workspace [CBHTE11]. world
[Del08, DvNM+11b, FBH+01, HSRN11, HM03, RLS+09, SIOS02, BBGA03].
world-wide [RLS+09, BBGA03]. Worst [HPS12, LLN+14]. Worst-case
[HPS12, LLN+14]. WPAN [CLH+11]. Writing [GBFP09]. written
WSPE [RGV09]. WSRF [Slo06]. WSRP [YWA07].
X [Ros06]. X-Folders [Ros06]. X.509 [BFG14]. X10 [MRH14]. Xeon
[KKW+14, SSK11]. XML [AFPO08, CT11b, DXG13, SW12]. XMT
XSEDE13 [WM14]. XSL [CC12b]. XtreamFS [HCK+08].
Yunnan [MZS+10].

zero [MVWJ14], zone [KABD07], zone-based [KABD07], ZOOM [CBBCD08], Zorilla [DvNM+11b].

References


Al-Ali:2004:AQS


Azzedin:2012:HIO


Acosta:2013:HLS


Allan:2002:CCS


Aberdeen:2001:EFM


[ABDO09] Lior Amar, Amnon Barak, Zvi Drezner, and Michael Okun. Randomized gossip algorithms for maintaining a distributed bulletin board with guaranteed age properties. *Concurrency
REFERENCES

*Agosta:2015:OPP*


*Aupy:2013:RES*


*Adhianto:2010:HOT*


*Ashworth:2005:HTC*


*Ayuso:2013:GBA*

Amoretti:2006:DGS


Afgan:2012:RMD


Alonso:2005:SBT


Aloisio:2002:WBA


Anglano:2006:PAH


Anglano:2008:FMH

REFERENCES


REFERENCES


[ACS10] Dimitrios Antos, Costas Courcoubetis, and George D. Stamoulis. Economic aspects of building software for service-


Isaac Agudo, Carmen Fernandez-Gago, and Javier Lopez. Concurrent access control for multi-user and multi-processor


CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


Al-Jaroodi:2005:JJO


Aleksy:2001:ASB


Almulla:2013:CKE


Adamski:2007:SPE


Armstrong:2006:CCM


REFERENCES


Akli:2014:TEO


Ali:2006:RBS


Arellano:2014:PCS


Aldini:2015:DRM


Anderson:2013:CAW


Anglano:2007:SIS

Cosimo Anglano. Special issue: Second International Workshop on Emerging Technologies for Next-generation GRID


Anonymous:2014:IIa


Anonymous:2014:IIb


Anonymous:2014:IIc


Anonymous:2014:IId


Anonymous:2014:IIe


Anonymous:2014:IIf


Anonymous:2014:IIg

Anonymous:2014:IIh


Anonymous:2014:IIi


Anonymous:2014:IIj


Anonymous:2014:IIk


Anonymous:2014:IIl


Anonymous:2014:IIm


Anonymous:2014:IIn

REFERENCES


Anonymous:2015:EN


Anonymous:2015:IIa


Anonymous:2015:IIb


Anonymous:2015:IIc


Anonymous:2015:IId


Anonymous:2015:IIe


Anonymous:2015:IIf

Anonymous:2015:IIg

Anonymous:2015:IIh

Anonymous:2015:IIi

Anonymous:2015:IIj

Anonymous:2015:IIk

Anonymous:2015:IIl

Anonymous:2015:IIm


REFERENCES

Adhinugraha:2014:FRN

Augonnet:2011:SUP

Alamri:2015:TMO

Abbas-Turki:2014:PDG

Andersen:2007:DAA


REFERENCES

CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


REFERENCES


[BCK+09] J. Baker, A. Cunei, T. Kalibera, F. Pizlo, and J. Vitek. Accurate garbage collection in uncooperative environments re-
REFERENCES


REFERENCES


[Buhr:2015:HPT] Peter A. Buhr, David Dice, and Wim H. Hesselink. High-performance $N$-thread software solutions for mutual exclu-
REFERENCES


REFERENCES


[BDY02] Krzysztof Boryczko, Witold Dzwinel, and David A. Yuen. Parallel implementation of the fluid particle model for sim-
REFERENCES

Boryczko:2003:CRH

Benner:2013:MIC

Bernholdt:2007:SIC

Barreto:2007:VVW

Bochat:2001:OC
REFERENCES


REFERENCES


REFERENCES


[BHKW12] Rainer Buchty, Vincent Heuveline, Wolfgang Karl, and Jan-Philipp Weiss. A survey on hardware-aware and heteroge-
REFERENCES


REFERENCES


REFERENCES


REFERENCES

Blanton:2014:JFV


Buttari:2008:PTQ


Bruneo:2011:PAJ


Buyya:2002:GTM


Bella:2004:SIC


Bernat:2007:ICP

REFERENCES


REFERENCES


REFERENCES


[BPdM06] Alberto Bartoli, Milan Prica, and Etienne Antoniutti di Muro. A replication framework for program-to-program interaction

**Benitez:2012:PHC**


**Boeres:2004:ETF**


**Barnes:2010:POD**


**Bokhari:2006:EAM**


**Bokhari:2004:SAC**


**Bokhari:2010:EPM**

[BS10] Shahid Bokhari and Joel Saltz. Exploring the performance of massively multithreaded architectures. *Concurrency and
REFERENCES


REFERENCES


REFERENCES


[BZdR+10] Miguel Branco, Ed Zaluska, David de Roure, Mario Lassnig, and Vincent Garonne. Managing very large distributed data

**Chen:2006:SRA**


**Carter:2008:EUC**


**Capodieci:2015:CAD**


**Carrion:2011:PIF**


**Christoforou:2013:SIP**

REFERENCES


Chih-Yuan Chen, Jong-Yi Ciou, and Rong-Guey Chang. Multi-level simultaneous multithreading scheduling to reduce

Chen:2012:CSE


Cao:2006:RMC


Cao:2013:SIPb


Chiola:2008:OFT


Cui:2014:TSC

REFERENCES


REFERENCES


REFERENCES


[CGB+06] Geoff Coulson, Paul Grace, Gordon Blair, Wei Cai, Chris Cooper, David Duce, Laurent Mathy, Wai Kit Yeung, Barry Porter, Musbah Sagar, and Wei Li. A component-based middleware framework for configurable and reconfigurable Grid computing. *Concurrency and Computation: Practice and Ex-
REFERENCES


Churches:2006:PSD


Cobb:2007:NST


Cockshott:2014:ALB


Christmann:2013:FEE


Cicirelli:2015:EEM


REFERENCES

Choi:2001:PPF


Chan:2007:CCT


Constantiou:2010:RFS


Constantiou:2012:HDF


Ciobanu:2012:FSA


Chen:2015:LSF


**Cheng:2010:BDT**


**Chalouf:2013:SAD**


**Cushing:2014:AWS**


**Chou:2009:MAB**


**Curbera:2006:IBA**

REFERENCES


REFERENCES


REFERENCES


Chou:2013:IEE


Chancelier:2014:UPN


Carchiolo:2012:TAP


Clauss:2015:NSS


Chetsa:2014:TSB

Cesario:2013:SIP


Cui:2015:AEI


Cao:2007:PIP


Cui:2012:QBF


Chen:2010:AMS


Coulson:2002:QSD

Geoff Coulson and Oveeyen Moonian. A quality of service driven concurrency framework for object-based middleware. *Concurrency and Computation: Practice and
REFERENCES

Cahoon:2005:RAE


Chivers:2006:RSB


Christie:2007:LPT


Cunha:2007:SIP


Cicerre:2006:SPE


REFERENCES


Coglio:2003:IOS


Coglio:2004:SVT


Chessa:2014:GPU


Cardenas:2007:MCC


Couger:2014:ELS


Chronopoulos:2006:DLS

REFERENCES


REFERENCES


REFERENCES

139


Chugunov:2006:PIM


Curry:2011:GRS


Cafaro:2011:FFI


Comito:2011:PSM


Cesario:2012:DDM


Casado:2015:EEA

[Rubén Casado, Javier Tuya, and Muhammad Younas. Evaluating the effectiveness of the abstract transaction model in


REFERENCES


deAlencar:2012:PPS


Dabrowski:2009:RGC


Djoudi:2009:CAA


deAssuncao:2008:ICI


Diaz:2012:TCB


Gomes:2011:AEE

REFERENCES


REFERENCES


REFERENCES


[Dongarra:2014:ANA] Jack Dongarra, Mathieu Faverge, Hatem Ltaief, and Piotr Luszczek. Achieving numerical accuracy and high perfor-

**Del-Fabbro:2007:DSM**


**Sampaio:2006:MMP**


**DiStefano:2006:SRR**


**Dias:2011:GPU**


**DeRoure:2010:TOS**

REFERENCES

CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


[DHC11] Hai Dong, Farookh Khadeer Hussain, and Elizabeth Chang. A context-aware semantic similarity model for ontology envi-
REFERENCES

Dong:2013:SWS


Ding:2013:KSB


Dice:2014:SBC


Datta:2003:SST


Dikaiakos:2007:GBV


Dharanipragada:2014:GMR

[Janakiram Dharanipragada, Geeta Iyer, and Sriram Kailasam. Generate-map-reduce: an extension to map-reduce to support shared data and recursive computations. Concurrency


**Dolkas:2007:BAG**


**Drozdowski:2007:MID**


**Dickens:2010:HPI**


**Dietrich:2001:MTO**


**Dai:2015:DMN**

REFERENCES


REFERENCES


[dSGD14] Rafael Ferreira da Silva, Tristan Glatard, and Frédéric Desprez. Controlling fairness and task granularity in distributed,


REFERENCES

Dundjerski:2015:GPU


DeMunck:2014:RCT


Daley:2012:OMB


Dijkstra:2006:ITO


Dias:2013:SIP

REFERENCES


[DZJ+15] Ciprian Docan, Fan Zhang, Tong Jin, Hoang Bui, Qian Sun, Julian Cummings, Norbert Podhorszki, Scott Klasky, and
REFERENCES


**Eugster:2005:OOP**


**Escheikh:2010:OML**


**Ellingson:2014:HTV**


**Eugster:2001:EMP**


**Emeakaroha:2013:SIP**

REFERENCES

Ellingson:2014:AVH


Ernst-Desmulier:2008:PFS


Ejarque:2010:ESV


ElMaghraoui:2009:MIM


Edmundsson:2004:DET

REFERENCES


REFERENCES

Elsayed:2011:PCR


El-Moursy:2014:HAH


El-Moursy:2011:IPA


Evoy:2015:ADP


ElSaddik:2009:GED


English:2015:SME


REFERENCES


Francesco:2012:MQL


Fujishiro:2002:PVG


Fletcher:2001:FTH


Fechner:2012:MFM


Fernandez:2003:LRE

Manel Fernández, Roger Espasa, and Saumya Debray. Load redundancy elimination on executable code. *Concurrency and
REFERENCES


REFERENCES

Fouchal:2013:DBA


Fan:2015:SCS


Fahringer:2005:JNP


Furlani:2013:PMA

REFERENCES


REFERENCES


REFERENCES


REFERENCES

Fahringer:2002:SAS

Felea:2006:DLB

Flahive:2015:OSO

Flahive:2015:MOU

Franz:2015:EEH
REFERENCES


(GA09) Ryan E. Grant and Ahmad Afsahi. Improving energy efficiency of asymmetric chip multithreaded multiprocessors through reduced OS noise scheduling. *Concurrency and Computation: Practice and Experience*, 21(18):2355–2376, Decem-

**Graham:2006:CCM**


**Grimstead:2009:RRA**


**Goodyer:2007:PSI**


**Guo:2009:WPS**


**Grunzke:2014:SBM**


REFERENCES


Michael Gerndt and Karl Fürlinger. Specification and detection of performance problems with ASL. *Concurrency and
Gabriel:2010:TPP


Goderis:2009:BWD


Griebl:2004:STM


Gerndt:2007:SIE


Giannoutakis:2009:DIP

REFERENCES

García-Guirado:2014:MRD


Gomez:2011:HRP


Glasscoe:2010:AEF


Goli:2014:BCU


Golbeck:2008:SWA


Guan:2006:GFG

Zhijie Guan, Francisco Hernandez, Purushotham Bangalore, Jeff Gray, Anthony Skjellum, Vijay Velusamy, and Yin Liu. Grid-Flow: a Grid-enabled scientific workflow system with


REFERENCES


REFERENCES


REFERENCES

CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


REFERENCES


Gregg:2003:PID


Gregg:2005:MLC


Gutierrez:2004:DPB


Goldman:2004:MPJ


Greenfield:2013:ABQ


Gusev:2014:SSR


REFERENCES


REFERENCES


[GVK12] Eduardo R. Gomes, Quoc Bao Vo, and Ryszard Kowalczyk. Pure exchange markets for resource sharing in federated


REFERENCES

CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


REFERENCES


REFERENCES

Hupfeld:2008:XAC


Hadjidoukas:2009:HPF


Hidalgo:2013:ESI


Hey:2005:SIG


Halima:2010:LSM

REFERENCES

Hayardeny:2007:DDC


Huang:2013:SIP


Huang:2011:DIE


Hughes:2008:ERM


Hart:2014:NCA


Herbst:2014:SAW

[HHKA14] Nikolas Roman Herbst, Nikolaus Huber, Samuel Kounev, and Erich Amrehn. Self-adaptive workload classification and forecasting for proactive resource provisioning. *Concurrency and
REFERENCES


REFERENCES


Hartmann:2008:AEL


Hammond:2012:PCG


Haustein:2006:JDJ


Haddad:2013:SIP


Humphrey:2010:PCC


Hu:2015:PSH

REFERENCES


[Hippold:2006:TPT]


[Hoefler:2011:SPT]


[Holland:2008:PPC]


[Hosny:2014:CBP]


[Hanlon:2014:PRI]


REFERENCES


**Ikram:2015:AIT**


**Iskra:2002:PCE**


**Ikeda:2015:POL**


**Ito:2012:CMG**


**Iosup:2011:PGP**

REFERENCES


REFERENCES

Iizuka:2002:PSS


Isaila:2003:CFP


Ichikawa:2009:OPA


Islam:2009:SFN


Javadi:2008:CAM

REFERENCES


Jimenez:2012:TDT


Jarvis:2008:PPC


Jiang:2013:SIP


Joppich:2006:MTS


Jung:2010:OCN

REFERENCES

Jones:2013:CSH


Jurdzinski:2003:WCS


Jin:2010:OMO


Junior:2007:TAC


Jiang:2014:PAM


Jalby:2006:EMO

REFERENCES


REFERENCES


REFERENCES

Koyama:2007:EEZ


Kacsuk:2011:PGP


Katsaros:2007:PET


Kalibera:2011:RRT


Krishnamurthy:2011:TAH


Knorreck:2013:FSL


Kessler:2007:CGS


Klemm:2009:RTM


Kong:2015:RWS


Kunszt:2015:ISG


Kiss:2014:LSV


REFERENCES


[KDG+08] Jihie Kim, Ewa Deelman, Yolanda Gil, Gaurang Mehta, and Varun Ratnakar. Provenance trails in the Wings/Pegasus

Kessler:2004:MDS


Kavas:2001:CWN


Kruger:2011:IPS


Kadirvel:2015:TSC


Klous:2006:TAG

Kehagias:2012:OBM


Kato:2012:MGA


Kim:2013:HOB


Kalibera:2011:FRT


Kim:2011:ELA


Kerbyson:2005:PCB

REFERENCES


REFERENCES


REFERENCES


Kakuda:2010:MRT


Kromer:2014:DPD


Korch:2004:CTP


Kielmann:2006:SIA


Kunis:2011:OLB


Khabou:2015:TBC

Krishnan:2005:GGB


Kristensen:2013:RBC


Korch:2011:SLE


Kennedy:2002:SIH


Kennedy:2004:TFC


Kuchen:2005:FFP

REFERENCES


REFERENCES

Klohl:2012:BCS


Korsholm:2014:RTJ


Kumar:2004:RMF


Kyriazis:2009:SSW


Kim:2011:DSU


Kulakowski:2014:CVE


REFERENCES


REFERENCES


[LFWS15] Kaitai Liang, Liming Fang, Duncan S. Wong, and Willy Susilo. A ciphertext-policy attribute-based proxy re-

Luo:2008:ESE


Liu:2007:USL


Liebrock:2008:MMS


Lindsay:2013:BGM


Lushbough:2015:LSD

Lanchares:2013:RBC


Lujan:2005:EJA


Liu:2012:LCM


Lhotak:2005:RTE


Li:2014:ARM


Liao:2007:OOP

Lee:2014:IST


Leal:2010:PBS


Litke:2009:FTP


Luo:2008:DTK


Li:2004:PER

REFERENCES

Liao:2010:TVD


Liu:2010:PMA


Lawlor:2003:SDP


Luecke:2003:CPM


Li:2009:PSF


Luecke:2004:PSM


LKJ03


LKJYS04

REFERENCES


REFERENCES


REFERENCES

Lee:2008:EFS


Li:2015:CRE


Li:2014:EES


LeBeux:2014:OCC


Luo:2014:BMI

REFERENCES


[LMH+14] Rubin Landau, Greg Mulder, Raquell Holmes, Sofya Borinskaya, NamHwa Kang, and Cristian Bordeianu. INSTANCES: incorporating computational scientific thinking advances into

**Li:2013:SIPb**


**LoRe:2015:SRN**


**Lucchese:2010:MTP**


**Liu:2011:PST**


**Liogkas:2008:ERB**

Langer:2010:NSQ


Ludascher:2008:CMM


Lorenzo:2014:HCB


Luo:2014:HMT


Leist:2009:EGP


Lee:2009:AWP

[LPS+09] Kevin Lee, Norman W. Paton, Rizos Sakellariou, Ewa Deelman, Alvaro A. A. Fernandes, and Gaurang Mehta. Adapt-
Lee:2011:UFA


Liu:2015:CGE


Lian:2008:RIM


Liu:2009:SPA


Liu:2015:RPO


REFERENCES


Liu:2012:VCR


Liu:2011:MHS


Liu:2014:SSB


Lian:2012:SIM


Lagoze:2012:WBR


Lang:2005:LSD

REFERENCES

Liu:2013:SIP

Lin:2013:SLB

Li:2012:CCL

Li:2015:BEB

Li:2014:MDS


REFERENCES

[LY14] Hatem Ltaief and Rio Yokota. Data-driven execution of fast
multipole methods. *Concurrency and Computation: Practice

privacy and query privacy: a combined clustering approach.

[LX08] Zhongwen Li and Yang Xiang. Checkpointing schemes for

[LXL+09] Xiangfeng Luo, Zheng Xu, Qing Li, Qingliang Hu, Jie Yu,
and Xinhua Tang. Generation of similarity knowledge flow
for intelligent browsing based on semantic link networks.
*Concurrency and Computation: Practice and Experience*, 21(16):

[LXP+12] Jizi Li, Naixue Xiong, Jong Hyuk Park, Chunling Liu, Shihua
Ma, and Linfu Sun. Chain-to-chain inventory transshipment

[LXRJ13] Linfeng Li, Wei Xue, Rajiv Ranjan, and Zhiyan Jin. Special
issue papers: A scalable Helmholtz solver in GRAPES over
large-scale multicore cluster. *Concurrency and Computation:
REFERENCES


Monnerat:2015:ESH


Maamar:2013:EMC


Martins:2010:DMU


Murai:2002:IEH


Malard:2005:RPO

REFERENCES

Mancini:2008:SIH


Marinescu:2005:SIT


Menasche:2014:ASS


May:2010:CPA


Moritsch:2002:HPN

REFERENCES

Manias:2012:CBM


Meng:2014:SLS


Mustafee:2015:EIT


Martinez:2014:MPP


Matossian:2005:AOR


Mellor-Crummey:2002:AOS


**Melab:2014:GPU**


**Merlo:2011:QSG**


**McLennan:2015:HP1**


**McEwan:2010:GE**


**Man:2008:DLS**

Billy Yan-Kit Man, Hiu Ning (Angela) Chan, Andrew J. Gallagher, Appu S. Goundan, Aaron W. Keen, and Ronald A.

Marker:2012:PMC


Morajko:2007:MMA


Ma:2006:GPI


Miguel:2015:MDP


Mackenzie:2007:AGC

REFERENCES


Mohamed:2008:KCA

Menezes:2003:RMO

McLean:2004:MRT

McGough:2013:SIP

Maloney:2009:SRC

Merrill:2009:PCS
REFERENCES


[MISV13] Fadi Meawad, Karthik Iyer, Martin Schoeberl, and Jan Vitek. Special issue papers: Micro-transactions for concur-

**Marzouk:2011:SSC**


**Miao:2015:NHS**


**Marinescu:2001:STT**


**Mentis:2012:MCC**


**Marmol:2015:RBW**

REFERENCES


Moreau:2008:SIF


Marowka:2004:OOA


Ma:2015:SSA


Liu:2003:EOS


Anderson Marinho, Leonardo Murta, Cláudia Werner, Vanessa Braganholo, Sérgio Manuel Serra da Cruz, Eduardo Ogasawara, and Marta Mattoso. ProvManager: a provenance management system for scientific workflows. *Concurrency and
References

Mokdad:2010:SIP

Matsui:2002:TCA

Minami:2002:OGH

Miyaji:2015:SHW


Milthorpe:2014:PFI


Memon:2014:AUS


Martens:2003:DQS


Milanes:2008:SAH


Murray:2009:EGV


Madduri:2014:EBG


Mitchell:2014:PCF


March:2013:SIP


Manno:2015:SBF


Malony:2005:PTP


Marco Mamei and Franco Zambonelli. Self-maintained distributed tuples for field-based coordination in dynamic net-

Ma:2010:SSE


Neves:2015:SLP


Nagel:2010:Pa


Nakajima:2002:PMI


Nacar:2007:VCG

Mehmet A. Nacar, Mehmet S. Aktas, Marlon Pierce, Zhenyu Lu, Gordon Erlebacher, Dan Kigelman, Evan F. Bollig, Cesar R. S. da Silva, Benny Sowell, and David A. Yuen. VLab: collaborative Grid services and portals to support computational material science. *Concurrency and Computation: Practice
REFERENCES


[SIF]


[CRB]


[AES]


[DDR]


[SPF]


[MSR]

REFERENCES


Nelson:2005:SIP


Nudd:2005:PBM


Ning:2012:DCA


Nagel:2010:Pb


Nelisse:2003:COB


Nataraj:2010:FSP

REFERENCES

Narasimhan:2001:IJR


Nishiyama:2007:FSQ


Nagy:2014:AUF


Nassif:2007:JCP


Nishitani:2002:TCI


[Natraj:2002:LGP]


[Nassif:2009:RSG]


[Nakaj:2002:PIS]


[Nob08]


REFERENCES


[OGA+01] José Oliver, Jordi Guitart, Eduard Ayguadé, Nacho Navarro, and Jordi Torres. Strategies for the efficient exploitation of loop-level parallelism in Java. *Concurrency and Computation: Practice and Experience*, 13(8–9):663–680, July/August 2001. CODEN CCPEBO. ISSN 1532-0626 (print),
REFERENCES


Olsen-Kettle:2010:MDS


Ortega:2015:PRH


Ossowski:2006:CSD


Ossowski:2006:SIC


Oguma:2001:LBL


Oguma:2002:LBL

[ON02] Hisashi Oguma and Yasuichi Nakayama. Lesser Bear: a lightweight process library for SMP computers — scheduling mechanism without a lock operation. *Concurrency and

Ortín-Obón:2014:CSO


Och:2001:CDM


Olson:2015:LIS


Oliveira:2013:DSM


OBoyle:2009:OPK

REFERENCES


ORyan:2001:EPM


Oleksiak:2007:HES


Powers:2008:HPP


Picone:2015:CGR


Parashar:2002:SIS


Podobas:2015:CPS


Pokam:2004:SRP


Penmatsa:2014:CMU


Pop:2015:AMS


Periorellis:2008:GIV


Pop:2012:BIC


REFERENCES


REFERENCES


[PJW+14] Xiaoting Pu, Zhenhong Jia, Liejun Wang, Yingjie Hu, and Jie Yang. The remote sensing image enhancement based on


A. Preece, P. Missier, S. Embury, B. Jin, and M. Greenwood. An ontology-based approach to handling information


Passerat-Palmbach:2015:TSS


Plaza:2010:PHC


Phan:2009:APP


Pontisso:2013:ADM


Perry:2014:GDB

Pedersen:2013:SIP


Prehofer:2001:FOP


Punceva:2015:IRS


Puliafito:2001:WPS


Pascual:2009:CMO

REFERENCES

Pyka:2014:RTC


Pineau:2011:EAS


Pechtchanski:2005:ISA


Pozniansky:2007:MEF


Paszynski:2010:GGD


Porto:2013:EDM

Fabio Porto and Bruno Schulze. Editorials: Data management for eScience in Brazil. *Concurrency and Computation:*
References


REFERENCES


Puffitsch:2013:SIP


Puntigam:2001:STC


Peinado:2004:PBA


Prakash:2015:MAT


Parashar:2002:CCG

Pandey:2009:GWE


Peszynska:2005:SIH


Pages:2012:GCF


Padmanabhan:2014:FCA


Peng:2010:PSC


Parastatidis:2005:WGF

Savas Parastatidis, Jim Webber, Paul Watson, and Thomas Rischbeck. WS-GAF: a framework for building Grid ap-

**Price:2007:OIE**


**Pierce:2002:GCW**


**Pande:2011:EMA**


**Peng:2015:DNL**


**Peng:2008:TEW**

Peng:2010:TEW


Qiu:2012:PWM


Qu:2010:TAW


Qiu:2014:EEC


Qiu:2014:ESI


Quenette:2010:SSP


Quesnel:2013:SIP


Qureshi:2012:TIE


Quinlan:2004:POO


Rolan:2014:FGT


Riesen:2009:DIL


Rheinheimer:2002:ACG


Rostami:2007:TAO


Rossinelli:2011:WAS


Remick:2013:E


Rahman:2013:SIP


Ravn:2013:EIS


Ripeanu:2010:SSS

Rizk:2004:PIC


Risch:2001:DDI


Rana:2001:SIH


Rymut:2015:RTM


Rauch:2002:ODL

 REFERENCES


A. J. Rubio-Montero, F. Castejón, E. Huedo, and R. Mayo-García. A novel pilot job approach for improving the execution of distributed codes: application to the study of or-


REFERENCES


[Rizvandi:2013:SIP]

[Reuillon:2012:PSS]

[Ruan:2015:DEW]

[Rundle:2010:PAS]

[Rajan:2012:ADA]
REFERENCES

Ramirez-Velarde:2010:CCH


Ritson:2010:POA


Ramakrishnan:2002:PEM


Santos:2007:RAA


Shin:2004:RBI


REFERENCES


Subramaniam:2007:MEV


Shafi:2009:CSJ


Seelam:2010:WPC


Schreiber:2002:ISE


Schirmer:2004:AJP


Sun:2015:DSL

REFERENCES

Schulze:2007:SIM

Sanchez:2011:SMA

Sulistio:2008:TMS

Seymour:2003:ATF

Singh:2011:IRP
REFERENCES


REFERENCES


References

Shen:2009:SKP

Sellami:2015:DSB

Syed:2007:SSD

Schuchardt:2008:ACM

Simao:2012:CER


Singh:2007:PPA


Singh:2010:DVP


Seo:2002:HJE


Salehi:2014:RPB


Santander-Jimenez:2015:HAP

Seinstra:2004:UTF


Santos:2008:SDM


Sancho:2009:OMC


Spampinato:2014:DBK


Skjellum:2004:RTM


Schonberger:2001:ASM

Siegfried Schönberger, Rudolf K. Keller, and Ismail Khriss. Algorithmic support for model transformation in object-oriented software development. *Concurrency and Com-

Schloegel:2002:PSD


Smith:2009:HBP


Scheidegger:2008:TPC


Seneviratne:2010:CPP


Salah:2014:PBP

Sosonkina:2008:ULS


Seelam:2012:EBS


Stamatakis:2004:APF


Stamatakis:2005:RIP


Stewart:2010:IPS

Craig A. Stewart, Matthew Link, D. Scott McCaulay, Greg Rodgers, George Turner, David Hancock, Peng Wang, Faisal Saied, Marlon Pierce, Ross Aiken, Matthias S. Mueller, Matthias Jurecz, Matthias Lieber, Jenett Tillotson, and Beth A. Plale. Implementation, performance, and science results from a 30.7 TFLOPS IBM BladeCenter cluster. *Con-
REFERENCES


REFERENCES


REFERENCES

Sim:2001:EUC


Sanyal:2014:CBE


Smari:2015:ECC


Sodan:2005:LCC


Soddemann:2007:SGD

REFERENCES


Sanchez:2011:PUR


Schuchardt:2007:PBK


Szymaniak:2007:ESA


Sommer:2009:AEM


Schmidt:2010:MTW

Jessica Schmidt, Cécile Piret, Nan Zhang, Benjamin J. Kadlec, David A. Yuen, Yingchun Liu, Grady Barrett Wright, and Erik O. D. Sevre. Modeling of tsunami waves and atmospheric swirling flows with graphics processing unit (GPU).

**Schulze:2009:SIA**


**Sebastiao:2013:SIP**


**Stanberry:2014:OHP**


**Schulze:2013:ELT**


**Schutt:2013:MSM**

Schneible:2015:CEW


Su:2015:ASI


Stokes-Rees:2007:DLG


Strohmaier:2007:AMP


Sonntag:2015:EFM


Szalkowski:2015:UDM

Dominik Szalkowski and Przemysław Stpiczyński. Using distributed memory parallel computers and GPU clusters for multidimensional Monte Carlo integration. Concurrency and


REFERENCES

Souza:2014:STM

Strnad:2011:PTV

Stilkerich:2012:TMJ

Sanjay:2009:SST

SundariM:2012:LIA

Souza:2008:STC
REFERENCES


[SWL+01] Anthony Skjellum, Diane G. Wooley, Ziyang Lu, Michael Wolf, Purushotham V. Bangalore, Andrew Lumsdaine, Jeffrey M. Squyres, and Brian McCandless. Object-oriented analysis and design of the Message Passing Interface. Concurrency and Computation: Practice and
REFERENCES

Sun:2012:IAH

Shi:2011:CPS

Swamynathan:2008:EFP

Sun:2009:FMK

Talwar:2006:RAR
Tsuneizumi:2011:SGC


Tang:2012:MOI


Tang:2015:HAC


Tracy:2012:APL


Thiyagalingam:2006:MLC


Tudruj:2015:PFD

REFERENCES

Tylissanakis:2012:NCM

Tolosana-Calasanz:2010:AEH

Tolosana-Calasanz:2011:ASP

Trinder:2013:RAP

Taufer:2005:SHA

Thomas:2002:APP
Mary Thomas, Maytal Dahan, Kurt Mueller, Steve Mock, Cathie Mills, and Ray Regno. Application portals: practice


REFERENCES


Pablo Toharia, Alberto Sánchez, José Luis Bosque, and Oscar D. Robles. GCViR: grid content-based video retrieval with work allocation brokering. *Concurrency and Computation: Practice and Experience*, 22(11):1450–1475, August 10,
Tang:2015:MTA


Thomas:2005:PPF


Taboada:2011:DLC


Thain:2005:DCP


Thain:2006:HML


Toya:2010:PIA

Y. Toya, K. F. Tiampo, J. B. Rundle, Chien chih Chen, Hsien-Chi Li, and W. Klein. Pattern informatics approach


REFERENCES


Voorsluys:2007:FCB


vanAmesfoort:2012:PAC


Venugopal:2006:GSB


Vu:2013:SIP


Vadhiyar:2005:SAG


vanderAalst:2010:RMG

Wil van der Aalst, Carmen Bratosin, Natalia Sidorova, and Nikola Trčka. A reference model for grid architectures and

Vanmechelen:2009:MBG


Vargas:2007:GTS


Kuijl:2010:RMO


Vapirev:2015:IRC


VanderHeyden:2003:CPJ

W. B. VanderHeyden, E. D. Dendy, and N. T. Padial-Collins. CartaBlanca — a pure-Java, component-based systems simulation tool for coupled nonlinear physics on unstructured


REFERENCES


Veldema:2005:OCN


Valvaag:2013:CHP


Vitek:2012:ISI


Vishnu:2009:TAH


vonLaszewski:2007:PVG


vonLaszewski:2011:EDF

Gregor von Laszewski, Jai Dayal, and Lizhe Wang. eMOLST: a documentation flow for distributed health informatics. Con-


vanReeuwijk:2005:ATJ


Valsalam:2002:FHP


Vasko:2011:OGF


vanStokkum:2006:PSE


Vidal:2009:ASG

Varbanescu:2009:EAM


Varadharajan:2015:SWM


Voulgaris:2007:PGB


vanWaveren:2002:CGH


VanAalsburg:2010:IED

REFERENCES


[WBHW08] H. Wang, K. W. Brodlie, J. W. Handley, and J. D. Wood. Service-oriented approach to collaborative visualization. *Con-
REFERENCES


Jiechen Wang, Can Cui, Yikang Rui, Liang Cheng, Yingxia Pu, Wenzhou Wu, and Zhenyu Yuan. A parallel algorithm for constructing Voronoi diagrams based on point-set adaptive

**Wilkins-Diehr:2007:SIS**


**Wang:2014:CGH**


**Wilkins-Diehr:2015:ESG**


**Wang:2010:BBA**


**Wilkins-Diehr:2014:EXS**


**Wroe:2007:RWS**

REFERENCES


Wang:2015:SSW


Wang:2006:CJS


Watson:2010:SCC


Watson:2010:SIE


Wittenburg:2010:AAL


Wang:2009:IDV


Wang:2012:MSI


Welc:2006:RTJ


Woodward:2009:FEC


Weber:2014:SOB

Waechter:2014:UGP


Wilde:2007:DHP


Wellings:2012:AEH


Woo:2011:CUC


Weeks:2014:ICL


Wang:2008:PEV


REFERENCES


Wei:2014:GMP


Wang:2014:SRS


Wahid:2011:SSC


Wang:2007:MEC


Wolf:2007:AAI


Wu:2009:CRT

[WMvP+09] Peng Wu, Maged M. Michael, Christoph von Praun, Takuya Nakaike, Rajesh Bordawekar, Harold W. Cain, Calin Cas-caval, Siddhartha Chatterjee, Stefanie Chiras, Rui Hou, Mark Mergen, Xiaowei Shen, Michael F. Spear, Hua Yong Wang,


Withana:2012:SUR


Wang:2009:TBR


Wu:2013:DBD


Wang:2012:CLB


Waliullah:2009:SAS


Weston:2012:RCV

Stephen Weston, James Spooner, Sébastien Racanière, and Oskar Mencer. Rapid computation of value and risk for derivatives portfolios. *Concurrency and Computation: Practice and
REFERENCES


[Wu:2012:QAR]


[Wu:2012:JSC]


[Wheeler:2010:VMM]


[Wyrzykowski:2015:EIC]


[WT07]

[WW08] J. D. Wood and H. Wright. Steering via the image in local, distributed and collaborative settings. Concurrency and Com-


Wei:2014:IDC


Wang:2013:BDS


Wan:2012:EBE


Wang:2004:PLF


Wang:2013:FDA


Wang:2015:MMS

REFERENCES
CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


Xie:2015:SLT


Xiao:2013:SIP


Xie:2010:FAD


Xhafa:2014:EAS


Xiang:2013:EAP


REFERENCES


REFERENCES


Xia:2012:NMS


Xia:2008:QMA


Xie:2014:SCP


Xiang:2009:SIM


Xia:2009:NRA

Xu:2011:GFC


Xuan:2011:CRS


Yanev:2004:PDC


Yang:2007:DPP


Yzelman:2012:OOB


Youn:2007:GPD

REFERENCES


Yang:2013:SDI


Yang:2009:NSC


Yamazaki:2014:TDS


Yildiz:2013:TME


Yang:2014:IPE


REFERENCES


Yu:2013:SIP


Yang:2009:TLO


Yang:2013:SIPb


Yoon:2004:SMM


Yoshida:2006:OTA


Zhang:2015:SEM


Zou:2014:SSC


Zhuge:2007:NSR


Zou:2012:OSP


Zhang:2010:SLB


Zakay:2014:WRP


Zhou:2013:SIP


Zicari:2012:MWC


Zahavi:2010:OIF


Zhang:2013:EER


Zima:2011:FTB


Zaharia:2008:GBS

REFERENCES

Zhang:2007:GPS

Zhou:2007:HSN

Zhizhin:2007:IMD

Zhuge:2006:LAC

Zhuge:2009:SIW

Zhao:2012:PEF
REFERENCES


REFERENCES


REFERENCES


Jinlin Zhang, Jun Shao, Yun Ling, Min Ji, Guiyi Wei, and Bishan Ying. Efficient multiple sources network coding signature in the standard model. *Concurrency and Computa-
REFERENCES


[ZSZ+14] Zhang:2015:TDC


[ZT09] Zhang:2012:RTH

[ZT09] Zeng:2009:EBI

[ZWF+06] Zhao:2006:VDG
Yong Zhao, Michael Wilde, Ian Foster, Jens Voeckler, James Dobson, Eric Gilbert, Thomas Jordan, and Elizabeth Quigg.


[ZX11] Hai Zhuge and Bei Xu. Basic operations, completeness and dynamicity of cyber physical socio semantic link network CPSocio-SLN. *Concurrency and Computation: Practice and
REFERENCES

Experience, 23(9):924–939, June 25, 2011. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


[ZYL10] Lang-Ping Zhang, Xiang-Chu Yin, and Nai-Gang Liang. Relationship between load/unload response ratio and damage
Zhou:2006:GGE


Zhang:2007:AFG


Zhang:2006:JEJ


Zhang:2012:OQE


Zhuge:2011:ACS


