

A Complete Bibliography of *Proceedings of the ACM on  
Interactive, Mobile, Wearable and Ubiquitous  
Technologies (IMWUT)*

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](mailto:beebe@math.utah.edu), [beebe@acm.org](mailto:beebe@acm.org),  
[beebe@computer.org](mailto:beebe@computer.org) (Internet)  
WWW URL: <http://www.math.utah.edu/~beebe/>

14 October 2017  
Version 1.02

**Title word cross-reference**

3 [ZXW<sup>+</sup>17].

**Accelerometer** [CSHN17]. **Accurate** [WXY<sup>+</sup>17]. **Acoustics** [ZXW<sup>+</sup>17]. **Active** [ZXW<sup>+</sup>17]. **Activity** [GP17, NTKG17, TK17]. **Actuate** [DH17]. **Adherence** [TK17]. **Adherence-based** [TK17]. **Adults** [BFS<sup>+</sup>17]. **Alleviating** [DH17]. **Ambient** [KSC<sup>+</sup>17]. **Analysis** [HHFM17]. **Applications** [BS17]. **Arrays** [MZST17]. **Assistant** [HDW<sup>+</sup>17]. **Atmospheres** [ZAP17]. **Attacks** [LCL17]. **Audits** [FCFW<sup>+</sup>17]. **Augmenting** [FCFW<sup>+</sup>17, NCM<sup>+</sup>17]. **Automated** [ZLB<sup>+</sup>17]. **Automatic** [NCM<sup>+</sup>17]. **Awareness** [SZJ<sup>+</sup>17].

**Based** [MBP<sup>+</sup>17, BFS<sup>+</sup>17, DWHR17, HDW<sup>+</sup>17, TK17, WXY<sup>+</sup>17]. **Battery** [TKGS17]. **Battery-Free** [TKGS17]. **be** [NCM<sup>+</sup>17]. **Beautiful** [JHP<sup>+</sup>17]. **Bedrooms** [KSC<sup>+</sup>17]. **Behaviour** [PSC<sup>+</sup>17]. **BiliScreen** [MBP<sup>+</sup>17]. **BlindType** [LYY<sup>+</sup>17]. **Blinking** [DH17]. **Bringing** [SZJ<sup>+</sup>17]. **Buildings** [FCFW<sup>+</sup>17]. **Bulb** [GMY<sup>+</sup>17]. **Byte** [BS17].

**Calibration** [MZST17]. **Calm** [KSC<sup>+</sup>17]. **Can** [NCM<sup>+</sup>17]. **Capture** [NCM<sup>+</sup>17].

**Cellphone** [TKGS17]. **Characteristics** [HHFM17]. **Cloth** [BDR17]. **Coach** [TAEB17]. **Collaborative** [ZLB+17]. **Comfortable** [JSC17]. **Communication** [ZLB+17]. **Computational** [SAD+17]. **Computer** [DH17]. **Continuous** [ZXW+17]. **Continuously** [DH17]. **Contrasting** [NCM+17]. **Control** [DWHR17]. **Cost** [JHP+17]. **Counts** [BS17]. **CovertBand** [NTKG17]. **Cursor** [DWHR17]. **Cursor-based** [DWHR17].

**D** [ZXW+17]. **Data** [TK17]. **Deep** [GP17]. **Deformable** [BDR17]. **Deformation** [WS17]. **DeformWear** [WS17]. **Deployment** [GMY+17]. **Design** [BDR17]. **Detect** [DH17]. **Detecting** [BFS+17]. **Device** [DH17, HHFM17]. **Devices** [WS17]. **Disorders** [MBP+17]. **Display** [BDR17]. **Displays** [KSC+17]. **Drinking** [BFS+17]. **Drowsiness** [SAD+17]. **Dry** [DH17]. **Dual** [DWHR17]. **Dual-Sided** [DWHR17]. **DualBlink** [DH17].

**Editorial** [AKS+17]. **Effect** [CSHN17]. **EMS** [HDW+17]. **EMS-based** [HDW+17]. **Enabling** [GMY+17]. **Energy** [JSC17]. **Enhance** [AHB17]. **Ensembles** [GP17]. **Entry** [LYY+17]. **Environment** [ZAP17]. **Episodes** [BFS+17]. **Every** [BS17]. **Examination** [JHP+17]. **Exploring** [FCFW+17]. **Externalities** [JHP+17]. **Eyeglass** [SAD+17]. **Eyes** [DH17, LYY+17]. **Eyes-Free** [LYY+17]. **Eyewear** [DWHR17].

**Fatigue** [SAD+17]. **Finger** [ZXW+17]. **Fingerprint** [WXY+17]. **Foot** [HDW+17]. **FootStriker** [HDW+17]. **Free** [LYY+17, TKGS17].

**Gain** [WXY+17]. **Generated** [LCL17]. **Geographic** [JHP+17]. **Gesture** [LCL17]. **Gradient** [WXY+17]. **Groups** [PSC+17]. **Guessing** [LCL17].

**Hall** [CSHN17]. **Hall-Effect** [CSHN17]. **Handheld** [LYY+17]. **Hard** [SZJ+17]. **Hard-of-hearing** [SZJ+17]. **Harnessing** [TK17]. **hearing** [SZJ+17]. **Highly** [BDR17]. **Hop** [MZST17].

**iLid** [SAD+17]. **Illumination** [KSC+17]. **Implementation** [BDR17]. **Improving** [ZLB+17]. **independent** [SZJ+17]. **Inference** [CSHN17]. **Inferring** [SSW+17]. **Information** [NTKG17]. **InformationSense** [BDR17]. **Input** [WS17]. **Insights** [TK17]. **Interactive** [GMY+17]. **Interface** [DWHR17, TK17].

**Jaundice** [MBP+17].

**Large** [BDR17, HHFM17]. **Large-Scale** [HHFM17]. **Leakage** [NTKG17]. **Learners** [GP17]. **Less** [NCM+17]. **Leveraging** [LYY+17]. **Lifeloggers** [PSC+17]. **Light** [GMY+17]. **Limited** [NCM+17]. **Liver** [MBP+17]. **Localization** [WXY+17]. **Location** [SZJ+17]. **Location-independent** [SZJ+17]. **Logging** [PSC+17]. **Long** [HHFM17, TK17]. **Long-Term** [HHFM17, TK17]. **Low** [SAD+17]. **Low-power** [SAD+17]. **LSTM** [GP17].

**Magnetic** [CSHN17]. **Mago** [CSHN17]. **Management** [FCFW+17]. **Matching** [KSC+17]. **me** [PSC+17]. **Measures** [SAD+17]. **Media** [AHB17]. **Mediated** [ZAP17]. **Memory** [LYY+17, NCM+17]. **Mobile** [BS17, HHFM17, MZST17]. **Mode** [CSHN17]. **Module** [ZLB+17]. **Monitoring** [MBP+17]. **Multi** [MZST17]. **Multi-Hop** [MZST17]. **Multimodal** [ZAP17]. **Muscle** [LYY+17]. **Music** [NTKG17].

**offs** [BDR17]. **Online** [ZLB+17]. **Oral** [TAEB17].

**Pain** [WXY<sup>+</sup>17]. **Pancreatic** [MBP<sup>+</sup>17]. **Passwords** [LCL17]. **People** [SZJ<sup>+</sup>17]. **Person** [SSW<sup>+</sup>17]. **Person-to-person** [SSW<sup>+</sup>17]. **Photo** [AHB17]. **Photo-Sharing** [AHB17]. **Physical** [TK17]. **Picture** [NCM<sup>+</sup>17]. **PocketThumb** [DWHR17]. **Portable** [JSC17]. **power** [SAD<sup>+</sup>17]. **Prefetching** [BS17]. **Presentations** [TAEB17]. **Privacy** [PSC<sup>+</sup>17]. **Proximity** [SSW<sup>+</sup>17].

**Recall** [NCM<sup>+</sup>17]. **Recognition** [GP17]. **Replicable** [PSC<sup>+</sup>17]. **RFID** [GMY<sup>+</sup>17]. **RoboCOP** [TAEB17]. **Robotic** [TAEB17]. **Role** [FCFW<sup>+</sup>17]. **Routing** [JHP<sup>+</sup>17]. **Running** [HDW<sup>+</sup>17].

**Savings** [JSC17]. **Scale** [HHFM17]. **SCAN** [MZST17]. **Scleral** [MBP<sup>+</sup>17]. **Selective** [BS17]. **Semi** [ZLB<sup>+</sup>17]. **Semi-Automated** [ZLB<sup>+</sup>17]. **Sensing** [SAD<sup>+</sup>17]. **Sensor** [CSHN17, FCFW<sup>+</sup>17, MZST17]. **Sensors** [BFS<sup>+</sup>17]. **Sharing** [AHB17, PSC<sup>+</sup>17]. **Sided** [DWHR17]. **Signals** [SSW<sup>+</sup>17]. **Skills** [ZLB<sup>+</sup>17]. **Smart** [DWHR17, JSC17]. **Smart-Eyewear** [DWHR17]. **Smartphone** [BFS<sup>+</sup>17, MBP<sup>+</sup>17]. **Smartphone-Based** [MBP<sup>+</sup>17, BFS<sup>+</sup>17]. **Smartphones** [SZJ<sup>+</sup>17]. **Social** [AHB17]. **Sound** [SZJ<sup>+</sup>17]. **SoundTrak** [ZXW<sup>+</sup>17]. **Spatial** [WXY<sup>+</sup>17]. **Stimuli** [AHB17]. **Strike** [HDW<sup>+</sup>17]. **Study** [PSC<sup>+</sup>17]. **Supports** [TK17]. **Sustainable** [FCFW<sup>+</sup>17]. **Syndrome** [DH17]. **Systems** [GMY<sup>+</sup>17].

**Term** [HHFM17, TK17]. **Text** [LYY<sup>+</sup>17]. **Thermal** [AHB17]. **Thumb** [LYY<sup>+</sup>17]. **Tiny** [WS17]. **Toolkits** [FCFW<sup>+</sup>17]. **Touch** [DWHR17]. **Touchpad** [LYY<sup>+</sup>17]. **Track** [DH17]. **Trackers** [TK17]. **Tracking** [ZXW<sup>+</sup>17]. **Trade** [BDR17]. **Trade-offs** [BDR17]. **Training** [ZLB<sup>+</sup>17]. **Transport** [CSHN17].

**UbiEar** [SZJ<sup>+</sup>17]. **Ubiquitous** [GMY<sup>+</sup>17, JSC17]. **Unlimited** [NCM<sup>+</sup>17]. **Usage** [HHFM17]. **Use** [TK17]. **User** [LCL17]. **User-Generated** [LCL17]. **Using** [AHB17, BFS<sup>+</sup>17, CSHN17, SSW<sup>+</sup>17, ZXW<sup>+</sup>17, GP17, NTKG17, WXY<sup>+</sup>17].

**Vehicle** [JHP<sup>+</sup>17]. **Vision** [DH17]. **Visual** [PSC<sup>+</sup>17].

**Way** [JSC17]. **Wearable** [DH17, DWHR17, WS17]. **Wearables** [GP17]. **WiFi** [SSW<sup>+</sup>17, WXY<sup>+</sup>17]. **WiFi-based** [WXY<sup>+</sup>17]. **Without** [WXY<sup>+</sup>17]. **Work** [ZAP17].

**Young** [BFS<sup>+</sup>17].

## References

Akazue:2017:UTS

[AHB17] Moses Akazue, Martin Halvey, and Lynne Baillie. Using thermal stimuli to enhance photo-sharing in social media. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ????. ISSN ????. URL <http://dl.acm.org/citation.cfm?id=3090050>.

Abowd:2017:E

[AKS<sup>+</sup>17] Gregory D. Abowd, Vassilis Kostakos, Silvia Santini, James Scott, and Koji Yatani. Editorial. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(1):1, March 2017. CODEN ????. ISSN 2474-9567. URL <http://>

- dl.acm.org/citation.cfm?id=3075960.
- [BDR17] Simon Butscher, Maximilian Dürr, and Harald Reiterer. InformationSense: Trade-offs for the design and the implementation of a large highly deformable cloth display. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ???? ISSN ???? URL <http://dl.acm.org/citation.cfm?id=3090053>.
- [BFS<sup>+</sup>17] Sangwon Bae, Denzil Ferreira, Brian Suffoletto, Juan C. Puyana, Ryan Kurtz, Tammy Chung, and Anind K. Dey. Detecting drinking episodes in young adults using Smartphone-based sensors. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ???? ISSN ???? URL <http://dl.acm.org/citation.cfm?id=3090051>.
- [BS17] Paul Baumann and Silvia Santini. Every byte counts: Selective prefetching for mobile applications. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ???? ISSN ???? URL <http://dl.acm.org/citation.cfm?id=3090052>.
- [Baecher:2017:ITO] Butscher:2017:ITO
- [CSHN17] Ke-Yu Chen, Rahul C. Shah, Jonathan Huang, and Lama Nachman. Mago: Mode of transport inference using the Hall-effect magnetic sensor and accelerometer. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ???? ISSN ???? URL <http://dl.acm.org/citation.cfm?id=3090054>.
- [Chen:2017:MMT] Chen:2017:MMT
- [Dementyev:2017:DWD] Dementyev:2017:DWD
- [DH17] Artem Dementyev and Christian Holz. DualBlink: A wearable device to continuously detect, track, and actuate blinking for alleviating dry eyes and computer vision syndrome. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(1):1:1–1:19, March 2017. CODEN ???? ISSN 2474-9567. URL <http://dl.acm.org/citation.cfm?id=3053330>.
- [Dobbelstein:2017:PWD] Dobbelstein:2017:PWD
- [DWHR17] David Dobbelstein, Christian Winkler, Gabriel Haas, and Enrico Rukzio. PocketThumb: a wearable dual-sided touch interface for cursor-based control of smart-eyewear. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ???? ISSN ???? URL <http://dl.acm.org/citation.cfm?id=3090055>.
- [Baumann:2017:EBC] Baumann:2017:EBC

**Finnigan:2017:AAE**

- [FCFW<sup>+</sup>17] S. Mitchell Finnigan, A. K. Clear, G. Farr-Wharton, K. Ladha, and R. Comber. Augmenting audits: Exploring the role of sensor toolkits in sustainable buildings management. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ???? ISSN ???? URL <http://dl.acm.org/citation.cfm?id=3090075>.

**Gummeson:2017:RLB**

- [GMY<sup>+</sup>17] Jeremy Gummeson, James McCann, Chouchang (JACK) Yang, Damith Ranasinghe, Scott Hudson, and Alanson Sample. RFID light bulb: Enabling ubiquitous deployment of interactive RFID systems. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ???? ISSN ???? URL <http://dl.acm.org/citation.cfm?id=3090077>.

**Guan:2017:EDL**

- [GP17] Yu Guan and Thomas Plötz. Ensembles of deep LSTM learners for activity recognition using wearables. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ???? ISSN ???? URL <http://dl.acm.org/citation.cfm?id=3090076>.

**Hassan:2017:FEB**

- [HDW<sup>+</sup>17] Mahmoud Hassan, Florian

Daiber, Frederik Wiehr, Felix Kosmalla, and Antonio Krüger. FootStriker: An EMS-based foot strike assistant for running. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(1):2:1–2:18, March 2017. CODEN ???? ISSN 2474-9567. URL <http://dl.acm.org/citation.cfm?id=3053332>.

**Hintze:2017:LSL**

- [HHFM17] Daniel Hintze, Philipp Hintze, Rainhard D. Findling, and René Mayrhofer. A large-scale, long-term analysis of mobile device usage characteristics. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ???? ISSN ???? URL <http://dl.acm.org/citation.cfm?id=3090078>.

**Johnson:2017:BWC**

- [JHP<sup>+</sup>17] I. Johnson, J. Henderson, C. Perry, J. Schöning, and B. Hecht. Beautiful ... but at what cost?: An examination of externalities in geographic vehicle routing. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ???? ISSN ???? URL <http://dl.acm.org/citation.cfm?id=3090080>.

**Jain:2017:PUS**

- [JSC17] Milan Jain, Amarjeet Singh, and Vikas Chandan. Portable+: A ubiquitous and smart way towards comfortable energy sav-

- ings. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ????? ISSN ????? URL <http://dl.acm.org/citation.cfm?id=3090079>.
- [KSC<sup>+</sup>17] Jan Kucera, James Scott, Nicholas Chen, Patrick Olivier, and Steve Hodges. Towards calm displays: Matching ambient illumination in bedrooms. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ????? ISSN ????? URL <http://dl.acm.org/citation.cfm?id=3090081>.
- [LCL17] Can Liu, Gradeigh D. Clark, and Janne Lindqvist. Guessing attacks on user-generated gesture passwords. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(1):3:1–3:24, March 2017. CODEN ????? ISSN 2474-9567. URL <http://dl.acm.org/citation.cfm?id=3053331>.
- [LYY<sup>+</sup>17] Yiqin Lu, Chun Yu, Xin Yi, Yuanchun Shi, and Shengdong Zhao. BlindType: Eyes-free text entry on handheld touchpad by leveraging thumb’s muscle memory. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ????? ISSN ????? URL <http://dl.acm.org/citation.cfm?id=3090083>.
- [MBP<sup>+</sup>17] Alex Mariakakis, Megan A. Banks, Lauren Phillipi, Lei Yu, James Taylor, and Shwetak N. Patel. BiliScreen: Smartphone-based scleral jaundice monitoring for liver and pancreatic disorders. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ????? ISSN ????? URL <http://dl.acm.org/citation.cfm?id=3090085>.
- [MZST17] Balz Maag, Zimu Zhou, Olga Saukh, and Lothar Thiele. SCAN: Multi-hop calibration for mobile sensor arrays. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ????? ISSN ????? URL <http://dl.acm.org/citation.cfm?id=3090084>.
- [NCM<sup>+</sup>17] Evangelos Niforatos, Caterina Cinel, Cathleen Cortis Mack, Marc Langheinrich, and Geoff Ward. Can less be more?: Contrasting limited, unlimited, and automatic picture capture for augmenting memory recall. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ????? ISSN ????? URL <http://dl.acm.org/citation.cfm?id=3090085>.

**Kucera:2017:TCD****Mariakakis:2017:BSB****Liu:2017:GAU****Maag:2017:SMH****Lu:2017:BEF****Niforatos:2017:CLM**

dl.acm.org/citation.cfm?id=3090086.

**Nandakumar:2017:CAI**

- [NTKG17] Rajalakshmi Nandakumar, Alex Takakuwa, Tadayoshi Kohno, and Shyamnath Gollakota. Covert Band: Activity information leakage using music. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(3):87:1–87:24, 2017. CODEN 2017. ISSN 2017. URL <http://musicattacks.cs.washington.edu/activity-information-leakage.pdf>.

**Price:2017:LYL**

- [PSC+17] Blaine A. Price, Avelie Stuart, Gul Calikli, Ciaran McCormick, Vikram Mehta, Luke Hutton, Arosha K. Bandara, Mark Levine, and Bashar Nuseibeh. Logging you, logging me: A replicable study of privacy and sharing behaviour in groups of visual lifeloggers. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN 2017. ISSN 2017. URL <http://dl.acm.org/citation.cfm?id=3090087>.

**Soha:2017:ILP**

- [SAD+17] Rostamina Soha, Mayberry Addison, Ganesan Deepak, Marlin Benjamin, and Gummesson Jeremy. iLid: Low-power sensing of fatigue and drowsiness measures on a computational eyeglass. *Proceedings of the ACM*

*on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN 2017. ISSN 2017. URL <http://dl.acm.org/citation.cfm?id=3090088>.

**Sapiezynski:2017:IPP**

- [SSW+17] Piotr Sapiezynski, Arkadiusz Stopczynski, David Kofoed Wind, Jure Leskovec, and Sune Lehmann. Inferring person-to-person proximity using WiFi signals. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN 2017. ISSN 2017. URL <http://dl.acm.org/citation.cfm?id=3090089>.

**Sicong:2017:UBL**

- [SZJ+17] Liu Sicong, Zhou Zimu, Du Junzhao, Shangquan Longfei, Jun Han, and Xin Wang. UbiEar: Bringing location-independent sound awareness to the hard-of-hearing people with Smartphones. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN 2017. ISSN 2017. URL <http://dl.acm.org/citation.cfm?id=3090082>.

**Trinh:2017:RRC**

- [TAEB17] H. Trinh, R. Asadi, D. Edge, and T. Bickmore. RoboCOP: A robotic coach for oral presentations. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June

2017. CODEN ???? ISSN ???? URL <http://dl.acm.org/citation.cfm?id=3090092>.
- Wu:2017:GPA**
- [TK17] Lie Ming Tang and Judy Kay. Harnessing long term physical activity data — how long-term trackers use data and how an adherence-based interface supports new insights. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ???? ISSN ???? URL <http://dl.acm.org/citation.cfm?id=3090091>.
- Tang:2017:HLT**
- [TKGS17] Vamsi Talla, Bryce Kellogg, Shyamnath Gollakota, and Joshua R. Smith. Battery-free cellphone. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ???? ISSN ???? URL <http://dl.acm.org/citation.cfm?id=3090090>.
- Talla:2017:BFC**
- [WS17] Martin Weigel and Jürgen Steimle. DeformWear: Deformation input on tiny wearable devices. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ???? ISSN ???? URL <http://dl.acm.org/citation.cfm?id=3090093>.
- Weigel:2017:DDI**
- [WXY<sup>+</sup>17] Chenshu Wu, Jingao Xu, Zheng Yang, Nicholas D. Lane, and Zuwei Yin. Gain without pain: Accurate WiFi-based localization using fingerprint spatial gradient. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ???? ISSN ???? URL <http://dl.acm.org/citation.cfm?id=3090094>.
- Zhao:2017:MAM**
- [ZAP17] Nan Zhao, Asaph Azaria, and Joseph A. Paradiso. Mediated atmospheres: A multi-modal mediated work environment. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ???? ISSN ???? URL <http://dl.acm.org/citation.cfm?id=3090096>.
- Zhao:2017:SAC**
- [ZLB<sup>+</sup>17] Ru Zhao, Vivian Li, Hugo Barbosa, Gourab Ghoshal, and Mohammed Ehsan Hoque. Semi-automated 8 collaborative online training module for improving communication skills. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ???? ISSN ???? URL <http://dl.acm.org/citation.cfm?id=3090097>.
- Zhang:2017:SCT**
- [ZXW<sup>+</sup>17] Cheng Zhang, Qiuyue Xue,



Anandghan Waghmare, Sumeet Jain, Yiming Pu, Sinan Hersek, Kent Lyons, Kenneth A. Cunefare, Omer T. Inan, and Gregory D. Abowd. SoundTrak: Continuous 3D tracking of a finger using active acoustics. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, 1(2):??, June 2017. CODEN ????? ISSN ????? URL <http://dl.acm.org/citation.cfm?id=3090095>.