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Technical Program

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*Keynote: Computing for the Future of the Planet*
Andy Hopper (Cambridge University, United Kingdom)
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*FTrack: Infrastructure-free Floor Localization via Mobile Phone Sensing*
Haibo Ye (Nanjing University, P.R. China); Tao Gu (University of Southern Denmark, Denmark); Xiaorui Zhu (Nanjing University, P.R. China); Jingwei Xu (Nanjing, P.R. China); Xianping Tao (Nanjing University, P.R. China); Jian Lu (Nanjing University, P.R. China); Ning Jin (University of Southern Denmark, Denmark)
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*Smartphone-based Wi-Fi Pedestrian-Tracking System Tolerating the RSS Variance Problem*
Yungeun Kim (Yonsei University, Korea); Hyojeong Shin (Yonsei University, Korea); Hojung Cha (Yonsei University, S. Korea, Korea)
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*Crowds replace Experts: Building Better Location-based Services using Mobile Social Network Interactions*
Pravin Shankar (Rutgers University, USA); Woody Huang (Research Staff Member, USA); Paul Castro (IBM T.J. Watson Research Center, USA); Badri Nath (Rutgers University, USA); Liviu Iftode (Rutgers University, USA)
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Hengfeng Wei (Nanjing University, P.R. China); Yu Huang (Nanjing University, P.R. China); Jiannong Cao (Hong Kong Polytechnic Univ, Hong Kong); Xiaoxing Ma (Nanjing University, P.R. China); Jian Lu (Nanjing University, P.R. China)
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*Your Mobility can be Injurious to Your Health: Analyzing Pervasive Health Monitoring Systems under Dynamic Context Changes*
Ayan Banerjee (Arizona State University, USA); Sandeep Gupta (Arizona State University, USA)
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Bridging Vision and Commonsense for Multimodal Situation Recognition in Pervasive Systems
Nicola Bicocchi (University of Modena and Reggio Emilia, Italy); Matteo Lasagni (University of Lubeck, Germany); Franco Zambonelli (University of Modena and Reggio Emilia, Italy)
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Ad-hoc Symbiotic Interactive Displays through DLNA
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Keynote: Context to the People
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Sean K Barker (University of Massachusetts Amherst, USA); Aditya Kr Mishra (University of Massachusetts Amherst, USA); David Irwin (University of Massachusetts, Amherst, USA); Prashant Shenoy (University of Massachusetts, Amherst, USA); Jeannie R Albrecht (Williams College, USA)
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NaviComf: Navigate Pedestrians for Comfort Using Multi-modal Environmental Sensors
Congwei Dang (The University of Tokyo & Institute of Industrial Science, Japan); Masayuki Iwai (the University of Tokyo & Institute of Industrial Science, Japan); Kazunori Umeda (Chuo University, Japan); Yoshito Tobe (Tokyo Denki University, Japan); Kaoru Sezaki (University of Tokyo, Japan)
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Usman Raza (University of Trento, Italy); Alessandro Camerra (University of Trento, Italy); Amy L Murphy (Fondazione Bruno Kessler - IRST, Italy); Themis Palpanas (University of Trento, Italy); Gian Pietro Picco (University of Trento, Italy)
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**A Location-Based Incentive Mechanism for Participatory Sensing Systems with Budget Constraints**
Luis Jaimes (University of South Florida, USA); Idalides Vergara-Laurens (University of South Florida, USA); Miguel A. Labrador (University of South Florida, USA)
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Lei Yang (The Hong Kong Polytechnic University, Hong Kong); Jiannong Cao (Hong Kong Polytechnic Univ, Hong Kong); Weiping Zhu (The Hong Kong Polytechnic University, Hong Kong); Shaojie Tang (Illinois Institute of Technology, USA)
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Younghyun Ju (KAIST, Korea); Chulhong Min (KAIST, Korea); Youngki Lee (KAIST, Korea); Jihyun Yu (KAIST, Korea); Junehwa Song (KAIST, Korea)
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**How Close is Close Enough? Understanding the Role of Cloudlets in Supporting Display Appropriation by Mobile Users**
Sarah Clinch (Lancaster University, United Kingdom); Jan Harkes (Carnegie Mellon University, USA); Adrian Friday (Lancaster University, United Kingdom); Nigel Davies (Lancaster University, United Kingdom); Mahadev Satyanarayanan (Carnegie Mellon University, USA)
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Sangyup Han (KAIST, Korea); Myungchul Kim (KAIST, Korea); Ben Lee (Oregon State University, USA); Sungwon Kang (KAIST, Korea)
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Delphine Christin (Technische Universitat Darmstadt, Germany); Christian Roßkopf (Technische Universitat Darmstadt, Germany); Matthias Hollick (Technische Universitat Darmstadt & Secure Mobile Networking Lab, Center for Advanced Security Research Darmstadt, Germany); Leonardo A. Martucci (Linköping University, Sweden); Salil Kanhere (University of New South Wales, Australia)
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Michael M Groat (University of New Mexico, USA); Benjamin Edwards (University of New Mexico, USA); James Horey (Oak Ridge National Laboratory, USA); Wenbo He (University of Nebraska-Lincoln, USA); Stephanie Forrest (University of New Mexico, USA)
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Marius Wernke (University of Stuttgart IPVS, Germany); Frank Dürr (University of Stuttgart, Germany); Kurt Rothermel (University of Stuttgart, Germany)
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Stephan J Wagner (University of Duisburg-Essen, Germany); Marcus Handte (University of Duisburg-Essen, Germany); Marco Antonio Zuniga (University Of Duisburg-Essen, Germany); Pedro Jose Marrón (University of Duisburg-Essen and Fraunhofer FKIE, Germany)
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Umer Iqbal (Universität Duisburg-Essen Germany, Germany); Marcus Handte (University of Duisburg-Essen, Germany); Stephan J Wagner (University of Duisburg-Essen, Germany); Wolfgang Apolinarski (University of Duisburg-Essen, Germany); Pedro Jose Marrón (University of Duisburg-Essen and Fraunhofer FKIE, Germany)
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Andreas Möller (Technische Universität München, Germany); Luis Roalter (Technische Universität München, Germany); Stefan Diewald (Technische Universität München, Germany); Johannes Scherr (Technische Universität München, Germany); Matthias Kranz (Technische Universität München, Germany); Nils Hammeria (Newcastle University, United Kingdom); Patrick Olivier (Newcastle University, United Kingdom); Thomas Plötz (Newcastle University, United Kingdom)
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Tzipora Halevi (Polytechnic Institute of New York University, USA); Sein Lin (Polytechnic Institute of New York University, USA); Di Ma (University of Michigan-Dearborn, USA); Anudath Prasad (University of Michigan-Dearborn, USA); Nitesh Saxena (Polytechnic Institute of New York University, USA); Jonathan Voris (Columbia University, USA); Tuo Xiang (University of Michigan-Dearborn, USA)
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