IQ2S 2013: The 5th International Workshop on Information Quality and Quality of Service for Pervasive Computing 2013 - Program

S1: Opening Session

Quality of Information and Energy Provisioning (Invited Paper)
Erol Gelenbe (Imperial College London, United Kingdom)
pp. 453-457

S2: Foundations

Compatibility among Diversity Foundations, lessons, and directions of semantic communication
Brendan Juba (Harvard University, USA)
pp. 458-463

Interactive Interfaces for Complex Network Analysis: An Information Credibility Perspective
James Schaffer (UCSB, USA); Byungkyu Kang (UCSB, USA); Hengchang Liu (UIUC, USA); Chenji Pan (UIUC, USA); Siyu Gu (UIUC, USA); Tobias Höllerer (University of California, Santa Barbara, USA); John O’Donovan (University of California, Santa Barbara, USA)
pp. 464-469

S3: Security and Trust

Symmetric-key encryption scheme based on the strong generating sets of permutation groups
Ara Alexanyan (Yerevan State University, Armenia); Hakob Aslanyan (University of Geneva, Switzerland); Jose Rolim (University of Geneva, Switzerland)
pp. 470-474

TAF: A Trust Assessment Framework for Inferencing with Uncertain Streaming Information
Anthony Etuk (University of Aberdeen, United Kingdom); Timothy J Norman (University of Aberdeen, United Kingdom); Chatschik Bisdikian (IBM Research, USA); Mudhakar Srivatsa (IBM T.J. Watson Research Center, USA)
pp. 475-480

Trust and Independence Aware Decision Fusion in Distributed Networks
Xinlei (Oscar) Wang (University of California, Davis, USA); Jin-Hee Cho (Army Research Laboratory, USA); Kevin S Chan (US Army Research Laboratory, USA); MoonJeong Chang (Virginia Tech, USA); Ananthram Swami (Army Research Lab., USA); Prasant Mohapatra (University of California, Davis, USA)
pp. 481-486

S4: Closing Session

SPOTLESS: Similarity Patterns Of Trajectories in Label-lEss Sensor Streams
Vasanth Iyer (Florida International University & International Institute of Information Technology, Hyderabad, USA)
pp. 487-492

Quality and Energy Aware Data Acquisition for Activity and Locomotion Recognition
Viet Nguyen (University of Oslo, Norway); Ellen Munthe-Kaas (University of Oslo, Norway); Thomas Plagemann (University of Oslo, Norway)
pp. 493-498

Spatio-Temporal Provenance: Identifying Location Information from Unstructured Text
Kisung Lee (Georgia Tech, USA); Raghu Ganti (IBM T J Watson Research Center, USA); Mudhakar Srivatsa (IBM T.J. Watson Research Center, USA); Prasant Mohapatra (University of California, Davis, USA)