Call for papers

Social Computing and Data Mining Symposium (SCDM)

IEEE ICNC 2023

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http://www.conf-icnc.org/2023

Symposium Co-chairs

Burak Kantarci, University of Ottawa, Canada (burak.kantarci@uOttawa.ca)

Hyunbum Kim, Incheon National University, South Korea (hyunbumkim@ieee.org)

Scope

The Social Computing and Semantic Data Mining Symposium (SCSD) focuses on the topics related to all aspects at the intersection of social behavior, computational systems, and semantic data mining. Of special interest to the social computing aspect of SCSD are papers reporting on novel and practical solutions to social networks, mobile social sensing, service quality, trust, online auctions, modeling and analysis, reputation systems, computational social choice, collaborative tagging, and so on. Of special interest to the semantic data mining aspect of SCSD are papers reporting in large-scale and real-world semantic applications, methodology of semantic representation and large-scale data mining, machine learning, information retrieval, artificial intelligence in social contexts, and so on. To ensure complete coverage of the advances in this broad area, the Social Computing and Semantic Data Mining Symposium solicits original contributions in, but not limited to, the following topical areas:

- Channel modeling, estimation, and equalization
- Social Networks
- Social Network Analytics
- Social Media Analytics and Intelligent Social Media
- Social Service Science, Quality, Architecture
- Trust and Privacy in Social Contexts
- Social Networks/Media/Service System Design and Architectures
- Semantic Web Techniques
- Mobile Social Sensing
- Social Intelligence
- Social Behavior Modeling and Analysis
- Social Behavior Synthesis
- Opinion Representation and Influence Process Modeling
- Reality Mining
- Real-world Semantic Applications
- Big Data Analytics and Storage
- Statistical Data Mining
- Data Mining, Machine Learning, Information Retrieval, or Artificial Intelligence in Social Contexts
- Social Signal Processing System Design and Architectures

Submission Guidelines

Perspective authors should follow the instructions at http://www.conf-icnc.org/2023/author.htm to prepare their manuscripts. All papers should be submitted via EDAS. Submission information can be found at http://www.conf-icnc.org/2023/cfp.htm.

Short Biographies of Co-Chairs

Burak Kantarci holds a PhD. degree in computer engineering. He is an Associate Professor and the Founding Director of Smart Connected Vehicles Innovation Centre (SCVIC), and the Founding Director of the Next Generation Communications and Computing Networks (NEXTCON) Research Lab, University of Ottawa. He has coauthored over 200 publications in established journals and conferences, and 13 book chapters. He is well known for his contributions to the quantification of data trustworthiness in mobile crowd-sensing (MCS) systems, and game theoretic incentives to promote user participation in MCS campaigns with high value data; as well as AI-backed access control, authentication and machine learning-backed intrusion detection solutions in sensing environments. He has been awarded a Best Paper Award in IEEE GLOBECOM 2021. In 2022, he has been awarded a Minister's Award of Excellence in Innovation and Entrepreneurship from Ontario Ministry of Colleges and Universities. He served as Chair of IEEE Communications Systems Integration and Modeling Technical Committee, and has served as Technical Program Co-Chair/Symposium Co-Chair of more than twenty international conferences/symposia/ workshops. In 2021, he has been elected as the new Secretary of IEEE Social Networks Technical Committee. He is an Editor of the IEEE Communications Surveys & Tutorials, IEEE Internet of Things Journal, Vehicular Communications (Elsevier), and an Associate Editor for IEEE Networking Letters, and Journal of Cybersecurity and Privacy. He is Editor for several IEEE and Elsevier journals. He was an ACM Distinguished Speaker in 2019-2021, currently an ACM Senior Member. He is IEEE Systems Council Distinguished Speaker.

Hyunbum Kim received his Ph.D. degree in Computer Science from the University of Texas at Dallas, USA, in 2013. He was a Visiting Professor at Bethune-Cookman University from 2013 to 2014 and was an Assistant Professor and Associate Professor at University of North Carolina at Wilmington, USA from 2014 and 2020. He is currently Associate Professor at Incheon National University, South Korea. Dr. Hyunbum Kim's research interests cover various areas including Internet of Things (IoT), Next Generation Systems, Unmanned Aerial Vehicles (UAVs), Communication Software and Services, Smart Cities, Vehicular Ad hoc Networks (VANET), mobile computing. With a membership of IEEE and ACM, he has served as TPC Co-Chair of IEEE CAMAD 2018, IEEE WINCOM 2017, IEEE PEDISWESA Workshop 2017 as well as General Chair of IEEE PEDISWESA Workshop 2018 in conjunction with IEEE ISCC 2018. And, he serves as Symposium Co-Chair of IEEE GLOBECOM 2021 (IoTSN), GLOBECOM 2020 (AHSN), GLOBECOM 2018 (WC). Also, he has served as Publicity Chair of IEEE IWCMC 2021, IEEE BlackSeaCom 2021, IEEE CAMAD 2020, IEEE MedComNet 2020, etc. Moreover, he has served as Technical Program Committees for various international conferences including IEEE ICC, GLOBECOM, CCNC, VTC, WCNC, ICNC, IPCCC, ICCCN, ISCC, DCOSS, etc.