Call for Papers for Selected Areas in Communications Symposium
Social Networking Track
(SAC-10 SN)

Symposium Track Chair

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Submissions must be done through EDAS at: https://edas.info/newPaper.php?c=22651&track=81066
The paper submission deadline is October 14, 2016.

Scope and Motivation

Social networks have become prevalent forms of communication and interaction on the Internet and make up an increasingly part of the network traffic. As a result, social networks have attracted significant research interests in a large number of related areas. Social networks have traditional been studied outside of the technological domains, but focus is now changing towards networking challenges such as cloud, privacy, data analytics, etc. while still keeping the social perspective such as focusing on improving quality-of-life. The interplay between social networks and technological networks such as mobile networks and mobile computing is becoming still strong and many areas are still to be exploited.

Main Topics of Interest

The topics of interest for this track include (but are not limited to):

- Influence, reputation, recommendation, community structure, advertisement, etc. based on social network modeling and analysis, measurements, and experiments, for big data from large social networks
- Analytical techniques as a foundation to enable social networks of massive networked (big) data (e.g., belief and message propagation, computational intelligence and machine learning, game and economical analysis, graph theoretical analysis)
- Trusted networking, privacy and security, user behaviors and dynamics, and digital right management, for big data from social networks
- System architecture, protocols, middleware and software engineering, terminal technology, user experience and interface technology, deployment and operations, and standards, for social networks
- Social networks applications and services to mobile Internet, multimedia networks, mobile-commerce, cyber-physical systems, and their potential social, economic, and cultural impacts
- Interplay between social networks and physical communications, such as deriving social interactions from (mobile) communication networks, and social network characterization from wireless communication theory
- Social networks influence on (wireless) communications systems and networks and subsequent new design paradigm of future (wireless) communications
- Applications of large social network analysis and relational structure of social networks to design advanced wireless communication networks, and interplay with network science areas such as physics and biology

Biography

Damla Turgut is an Associate Professor in the Department of Computer Science of University of Central Florida. She received her BS, MS, and PhD degrees from the Computer Science and Engineering Department of University of Texas at Arlington. Her research interests include wireless ad hoc, sensor, underwater and vehicular ad hoc networks, social networks, as well as considerations of stealth, value of information and privacy in the Internet of Things. She is also interested in applying big data techniques for improving STEM education for women and minorities. She serves on the editorial board of Elsevier Journal of Ad Hoc Networks. She served on the editorial board of IEEE TPDS. She has been the General Chair of IEEE LCN 2014, TPC Co-Chair for Globecom 2014 – Wireless Networking and Globecom 2011 – Ad Hoc and Sensor Networking Symposiums. Her recent honors and awards include being selected as an iSTEM Faculty Fellow for 2014-2015, Distinguished TPC Member of IEEE INFOCOM 2015-2016, and being featured in the UCF Women Making History series in March 2015. She was co-recipient of the Best Paper Award at the IEEE ICC 2013. Dr. Turgut serves as a member of the technical program committee of ACM and IEEE conferences. She is a member of IEEE, ACM, and the Upsilon Pi Epsilon honorary society.