



CALL FOR PAPERS

SELECTED AREAS IN COMMUNICATIONS SYMPOSIUM

SOCIAL NETWORKS TRACK

Track Chair

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Scope and Topics of Interest

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 traditionally 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.

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

Submission Guidelines

The IEEE ICC 2018 website provides full instructions on how to submit papers & the paper format.

You will select the desired symposium/track when submitting.

The paper submission deadline is October 15, 2017.

Only PDF files will be accepted for the review process and all submissions must be done through EDAS at <http://edas.info/>