

WiOpt 2018

16th International Symposium on Modeling and Optimization in
Mobile, Ad Hoc, and Wireless Networks

Shanghai Jiao Tong University, Shanghai, China

May 7-11, 2018,

Call For Papers

The 16th International Symposium on Modeling and Optimization in Mobile, Ad Hoc, and Wireless Networks solicits high-quality contributions. All papers will be published in the IFIP DL open library with Open Access. WiOpt is technically co-sponsored by the IEEE Control Systems Society, IEEE Information Theory Society and IFIP. All papers will be published in the IFIP DL open library with Open Access, as well as on IEEE Xplore. Please visit <http://www.wi-opt.org> for more information.

WiOpt 2018 welcomes original papers related to modeling, performance evaluation, and optimization of wireless networks. The scope covers all types of wireless networks: cellular, ad hoc, content-driven, delay-tolerant, mesh, metropolitan, sensor, cognitive, vehicular, robotic, Internet of Things, virtualized, etc. The focus is on issues at and above the MAC layer, although cross-layer techniques encompassing the physical layer are equally welcome. We encourage both theoretical contributions and submissions relating to real world empirical measurements, experimental studies. The areas of interest include, but are not limited to:

- Modeling, model validation, and performance analysis
- Scaling laws and fundamental limits
- Network architectures
- Protocol design
- Resource allocation and management
- Packet scheduling
- Access control
- Network economics
- Quality of service
- Energy efficiency, harvesting, power control and management
- Security, trust and privacy
- Network resilience, anomaly detection, and reliability analysis
- Cross-layer design and optimization / control
- Measurements and experimental studies
- Data collection and storage
- Data analytics and machine learning for wireless networks
- Game-theoretic methods for wireless networks

WiOpt'18 will give **one Best Paper Award** and **one Best Student Paper Award**. For the Best Student Paper Award, the first author of the paper needs to be a full-time student at the time of paper submission. Papers receiving the awards will be recommended for fast-track reviews in IEEE/ACM Transactions on Networking.

Important Dates:

Paper registration: December 10, 2017, 23:59 PST

Paper submission: December 17, 2017, 23:59 PST

Notification of acceptance: February 15, 2018, 23:59 PST

Camera ready and Registration: March 15, 2018, 23:59 PST

Conference: May 7-11, 2018

Committees:

General Co-Chairs: Xinping Guan (Shanghai Jiao Tong University), Jianwei Huang (The Chinese University of Hong Kong), Leandros Tassiulas (Yale University)

General Vice Chair: Bo Yang (Shanghai Jiao Tong University)

TPC Co-Chairs: Tamer Başar (University of Illinois Urbana-Champaign), Xinbing Wang (Shanghai Jiao Tong University), Yung Yi (KAIST)
TPC Vice Chair for Submissions: Lin Gao (Harbin Institute of Technology)