

WiOpt 2023

August 24-27, 2023

Singapore



Call for Papers

The 21st International Symposium on Modeling and Optimization in Mobile, Ad hoc, and Wireless Networks solicits high-quality contributions. WiOpt 2023 aims to bring together state-of-the-art research contributions from different fields in networks. It welcomes original and high-quality submissions related to modeling, performance evaluation and optimization of networks. We encourage both theoretical contributions and real world empirical measurements and experimental studies. The areas of interest include, but are not limited to:

- Modeling, model validation and performance analysis
- Cross-layer design and optimization / control
- Scaling laws and fundamental limits
- Network architectures and protocol design
- Resource allocation and management
- Network economics and pricing
- Game theory for networks
- Quality of service solutions
- Energy efficiency, harvesting, power control and management
- Security, trust and privacy
- Network resilience, anomaly detection and reliability analysis
- Data collection and analytics for networks
- Edge and Fog computing
- Mobile and Cloud computing
- Content distribution networks and wireless caching
- Reflective intelligent surface for communication networks
- Machine learning techniques for wireless communications and networking
- UAV communications in 5G and Beyond Networks
- Integrated sensing and communication
- Human-centric communication and networking for Metaverse

WiOpt 2023 will give one Best Paper Award and one Best Student Paper Award. A selected set of papers will be offered the opportunity for a Fast-Track submission of an extended version to IEEE/ACM Transactions on Networking and IEEE Transactions on Network Science and Engineering.

WiOpt 2023 will have the technical co-sponsorship of the IEEE Control Systems Society and of the IEEE Information Theory Society, and the support of IFIP. The copyright of published papers belongs to IFIP, which implements a free open access policy: authors effectively hold the copyright of their papers, and IFIP automatically grants authors permissions to reuse the material as they wish. The published papers will be available in the Digital Library of IFIP at no cost neither to authors nor to readers, and will also be included for publication in IEEE Xplore. The conference website link is <https://esd.sutd.edu.sg/wiopt2023/>

Important Dates

Paper registration and submission: 31 March 2023, 23:59 AoE

Notification of acceptance: 1 June 2023, 23:59 AoE

Camera ready and registration: 15 June 2023, 23:59 AoE

Registration (early): 15 June 2023, 23:59 AoE