IEEE International Conference on Computer Communications

29 Apr - 2 May 2019 // Paris, France

CALL FOR PAPERS

IEEE INFOCOM 2019 solicits research papers describing significant and innovative research contributions to the field of computer and data communications networks. We invite submissions on a wide range of research topics, spanning both theoretical and systems research. Topics include but not limited to:

5G networks	Mobile sensing and applications
Big data and machine learning for networks	Mobility management and models
Cellular networks	Multimedia networking
Cloud computing/mobile cloud computing	Network economics and pricing
Cognitive radio networks	Network management
Cross-layer optimization and control	Network measurement and analysis
Crowdsourcing	Network security and privacy
Cyber-physical systems	Network virtualization
Datacenter networking	Optical networks
Energy efficiency in networks	Overlay and peer-to-peer networks
Edge and fog computing/networking	Quality-of-service and resource management
Fault tolerance, reliability and survivability	Router and switch design
Information security and privacy	Routing and multicast
Information-centric networking	Scaling laws and fundamental limits
Interference management and mitigation	Smart grid applications
Internet architecture	Social computing and networks
Internet of Things	Software-defined networking
Localization and location-based services	Vehicular networks
Medium access control	Web applications and content distribution
MIMO-based networking	WLAN, WPAN, RFID, and NFC
mmWave, VLC, full duplex communication networks	Wireless sensor networks

Accepted and presented papers will be published in the IEEE INFOCOM 2019 Conference Proceedings and submitted to IEEE Xplore®. Full details of submission procedures and requirements for authors of accepted papers are available at http://infocom2019.ieee-infocom.org.

Important dates:

Abstract Due:
Tuesday, 24 July 2018
(11:59pm EDT)

Full Paper Due:
Tuesday, 31 July 2018
(11:59pm EDT)

Notification of Acceptance:
Friday, 30 November 2018

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