IEEE International Conference on Computer Communications

15-19 Apr. 2018 // Honolulu, HI, USA

CALL FOR PAPERS

IEEE INFOCOM 2018 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:

Big data and data processing for networks	Network calculus
Cellular networks	Network coding
Cloud computing	Network economics and pricing
Cognitive radio networks	Network management
Cooperative networking	Network measurement and analysis
Cross-layer optimization and control	Network security and privacy
Crowdsourcing	Network virtualization
Cyber-physical systems	Optical networks
Datacenter networking	Overlay and peer-to-peer networks
Delay tolerant networks	Quality of Service and resource management
Energy efficiency	Router and switch design
Fault tolerance, reliability and survivability	Routing & Multicast
Flow and congestion control	Scaling laws and fundamental limits
Game theory in networks	Scheduling and buffer management
Information security and privacy	Smart antenna based networking
Information centric networking	Smart grid
Interference management and mitigation	Smartphone and mobile applications
Internet of Things	Social computing and networks
Localization and location-based services	Software defined networking
Medium access control	Tactile Internet
MIMO-based networking	Vehicular networks
Mobile cloud computing	Web applications and content distribution
Mobility management and models	WLAN, WPAN, RFID, and NFC
Multimedia networking	Wireless security and privacy
	Wireless sensor networks

Accepted and presented papers will be published in the IEEE INFOCOM 2018 Conference Proceedings and submitted to IEEE Xplore®. Full details of submission procedures and requirements for authors of accepted papers are available at http://infocom2018.ieee-infocom.org.

Important dates:

Abstract Due:
Monday, 24 July 2017
(11:59pm EDT)

Full Paper Due:
Monday, 31 July 2017
(11:59pm EDT)

Notification of Acceptance:
Monday, 27 November 2017
(11:59pm EDT)

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