

May 10-13th, 2021, Vancouver, Canada
CALL FOR PAPERS

IEEE INFOCOM 2021 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 and beyond networks	MIMO-based networking
Age of Information	mmWave, THz, VLC, full duplex communication networks
Big data and machine learning for networks	Mobile sensing and applications
Cellular networks	Mobility management and models
Cloud computing/mobile cloud computing	Multimedia networking
Challenged Environments (underwater, underground)	Network economics and pricing
Connected unmanned aerial/terrestrial/underwater systems	Network management
Cross-layer optimization and control	Network measurement and analysis
Crowdsourcing	Network security and privacy
CubeSats	Network virtualization
Cyber-physical systems	Optical networks
Datacenter networking	Overlay and peer-to-peer networks
Dynamic spectrum sharing	Quality-of-service and resource management
Energy efficiency in networks	Router and switch design
Edge and fog computing/networking	Routing and multicast
Fault tolerance, reliability and survivability	Scaling laws and fundamental limits
Information security and privacy	Smart grid applications
Information-centric networking	Social computing and networks
Interference management and mitigation	Software-defined networking
Internet architecture	Studies on testbeds & large-scale experimental platforms
Internet of Things	Vehicular networks
Localization and location-based services	Web applications and content distribution
Medium access control	WLAN, WPAN, RFID, and NFC

Accepted and presented papers will be published in the IEEE INFOCOM 2021 Conference Proceedings and IEEE Xplore®. Full details of submission instructions and requirements for authors are available at <https://infocom2021.ieee-infocom.org>.

Important Dates:

Abstract Due:

Saturday, August 8th, 2020
(11:59pm EDT)

Full Paper Due:

Saturday, August 15th, 2020
(11:59pm EDT)

Notification of Acceptance:

Friday, December 4th, 2020

Technical Program Chairs

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