IEEE INFOCOM 2022 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 are not limited to:

5G and beyond networks
Age of Information
Big data and machine learning for networks
Cellular networks
Cloud computing/mobile cloud computing
Challenged environments (underwater, underground)
Connected unmanned aerial/terrestrial/underwater systems
Cross-layer optimization and control
Crowdsourcing
CubeSats
Cyber-physical systems
Datacenter networking
Dynamic spectrum sharing
Energy efficiency in networks
Edge and fog computing/networking
Fault tolerance, reliability and survivability
Information security and privacy
Information-centric networking
Interference management and mitigation
Internet architecture
Internet of Things
Localization and location-based services
Medium access control
MIMO-based networking
mmWave, THz, VLC, full duplex communication networks
Mobile sensing and applications
Mobility management and models
Multimedia networking
Network economics and pricing
Network management
Network measurement and analysis
Network security and privacy
Network virtualization
Optical networks
Overlay and peer-to-peer networks
Quality-of-service and resource management
Quantum Networking
Router and switch design
Scaling laws and fundamental limits
Smart grid applications
Social computing and networks
Software-defined networking
Studies on testbeds & large-scale experimental platforms
Vehicular networks
Web applications and content distribution
WLAN, WPAN, RFID, and NFC

Preprints Policy
The submitted manuscript or its title/abstract should not be posted on a public website, such as arXiv.org, or transmitted via public mailing lists. Authors will need to provide consent that their submissions may be subject to an early rejection if it is found to have more than 30% overlap with a single paper available to the public over the Internet (e.g., arXiv, webpages, etc.).

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The following are considered to be specific exemplars of relationships that produce COIs. Individuals in such relationships should not be involved in peer review of, or making editorial decisions about, materials provided by the related parties.

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- Within the last 24 months or reasonably expected within the next year:
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Accepted and presented papers will be published in the IEEE INFOCOM 2022 Conference Proceedings and IEEE Xplore®. Full details of submission instructions and requirements for authors are available at: https://infocom2022.ieee-infocom.org/authors/.

**Important Dates**

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<th>Abstract Due:</th>
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