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
- Routing and multicast
- 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

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Important Dates

**Abstract Due:**
Saturday, July 24, 2021
(11:59pm EDT)

**Full Paper Due:**
Saturday, July 31, 2021
(11:59pm EDT)

**Notification of Acceptance:**
Friday, December 3, 2021

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