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
- Age of Information
- Big data and machine learning for networks
- Cellular networks
- Cloud computing/mobile cloud computing
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- 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
- 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

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

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