

CALL FOR PAPERS

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:

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| 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 | Quantum Networking |
| Edge and fog computing/networking | Router and switch design |
| Fault tolerance, reliability and survivability | Routing and multicast |
| Information security and privacy | Scaling laws and fundamental limits |
| Information-centric networking | Smart grid applications |
| Interference management and mitigation | Social computing and networks |
| Internet architecture | Software-defined networking |
| Internet of Things | Studies on testbeds & large-scale experimental platforms |
| Localization and location-based services | Vehicular networks |
| Medium access control | 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.).

Anonymous Extended Report Policy

Note that the submitted papers are not allowed to refer to an extended/technical report, even if it is anonymous. Please include what you deem to be the most important technical content within the page limitations of the submission.

Conflict of Interests (COI)

A COI occurs when a person's objective judgment is — or is perceived by a reasonable observer to be — compromised by an existing relationship, affiliation, or connection to a person whose work they must evaluate.

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.

- Notable personal or professional rivalry/animosity (publicly known or not)
- The lifelong relationship between Ph.D. student and Ph.D. supervisor
- Personal or family relationships that would reasonably cause others to doubt impartiality
- Within the last 24 months or reasonably expected within the next year:

- Working closely together (e.g., at the same institution, company or organization; or within the same organizational team)
- Recipients of joint funding or significant professional collaboration
- Joint authorship of an archival publication

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

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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