

CALL FOR PAPERS: The 19th IEEE International Conference on Mobile Ad-Hoc and Smart Systems (MASS 2022), Denver, Colorado, October 20 - 22, 2022

<https://cis.temple.edu/ieee-mass-2022>



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We are pleased to invite you to submit original contributions to IEEE MASS 2022. This can include, technical and experimental, theoretical, conceptual, or a survey. All Original, unpublished contributions are solicited in all aspects of mobile ad hoc networks (MANETs) and smart systems, from mobile networking/computing to cyber-physical systems to Internet of Things, from theory to systems and applications. All submissions will be peer-reviewed based on relevance, originality, importance and clarity. Selected conference papers will be recommended for a special section appearing in the Journal of Computer Science and Technology.

Topics of interest include, but are not limited to:

- 5G networks and technologies
- AI/ML for smart wireless networks
- AI and machine learning aided protocol design and resource allocation
- AI and machine learning based applications for ad hoc networks
- Algorithms for MANETs and WSNs
- Application Layer Protocols
- Clustering, topology control, coverage, and connectivity
- Cognitive networking
- Cooperative and cognitive communication
- Cooperative sensing, compressive sensing, sensing from communications
- Cloud, crowd-sourced, participatory and (mobile) social sensing
- Cyber-physical systems and applications
- Data gathering, fusion, and dissemination
- Energy-efficient architectures, algorithms, and protocols
- Experiences in real-world applications and deployments
- Flying Ad-Hoc Networks
- Free-space optical networks
- Heterogeneous networks
- Internet of Things (IoT) devices, gateways, and infrastructure
- Light-weight distributed machine learning
- Localization and Location Based Services
- Measurements, experimental systems, and testbeds
- Mobile computing and networking
- mmWave and Terahertz networks
- Mobility modeling and management
- Multi-channel, multi-radio, and MIMO technologies
- Network components, operating systems, and middleware
- Opportunistic networking, delay tolerant networking
- QoS and Resource management
- Robotic networks
- Routing protocols
- Scalability, stability, and robustness of networks and sensor systems
- Security and privacy at all layers, including the physical layer
- Sensor enabled drone, UAV, UUV systems
- Smart grid, healthcare, transportation applications
- Vehicular networks and protocols
- Visible light communications
- Wearable and human-centric devices and networks

Submissions Guidelines and Proceedings

All submissions should be written in English with a maximum length of 9 single-spaced, double-column pages using 10pt fonts on 8.5" x 11" paper, including all figures, tables, and references, in PDF format. Authors must use the Manuscript Templates for IEEE Conference Proceedings. Based on TPC reviews and discussions, some papers may be accepted as 5-page short papers, or 2-page posters in addition to the regular 9 page papers.

Important Dates

Paper Submission Due: ~~Monday, May 2, 2022~~ Friday, May 20, 2022 11:59 PM EDT

Acceptance Notification: Monday, July 18, 2022

Camera-ready Version: Monday, August 8, 2022

Workshops

Workshops on topics related to areas covered by the MASS conferences are welcome. Proposals should be submitted to workshop chairs.

Demonstrations and Posters

We solicit demonstrations and posters (up to 4 and 2 pages respectively) on results in the conference topics.

Conference Website

<https://cis.temple.edu/ieee-mass-2022>

Paper Submission Website

<https://edas.info/N29579>