

**15th IEEE International Conference on Mobile Ad-hoc and Sensor Systems (IEEE MASS 2018)**

Chengdu, Sichuan Province, China, October 9-12, 2018

**SCOPE**IEEE MASS is a premier, annual forum for sharing original, novel ideas in mobile ad hoc networks and wireless sensor networks, defined broadly. Continuing this tradition, the 15th IEEE International Conference on Mobile Ad hoc and Sensor Systems (MASS) will be held in Chengdu, China, on Oct. 9-12, 2018. Wireless ad hoc communications, Internet of Things, and mobile computing are increasingly being used in civilian and military applications in homes and businesses, cities and rural areas, sea and space. Wireless sensor and actuator networks are being widely deployed for enhancing industrial processes and management, for various forms of environmental monitoring and control, and for improving quality of life. Sponsored by the IEEE Computer Society, IEEE MASS 2018 aims at bringing together researchers, developers, and practitioners to address recent advances in mobile ad-hoc and sensor-actuator systems, covering algorithms, theories, systems, protocols, applications, experiments, and testbeds.

**TOPICS OF INTEREST**Original, unpublished contributions are solicited in all aspects of mobile ad hoc networks (MANETs) and wireless sensor networks (WSNs), from mobile networking/computing to cyber-physical systems to Internet of Things, from theory to systems to applications. Topics of interest include, but are not limited to:

* 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
* Heterogeneous networks
* Internet of Things (IoT) devices, gateways, and infrastructure
* Localization and Location Based Services
* Measurements, experimental systems and test-beds
* Mobile computing and networkingMobility 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
* Wearable and human-centric devices and networks

**SUBMISSION GUIDELINES**Submission guidelines can be found on the submission page.

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**IMPORTANT DATES**Abstract Submission Deadline: April 15, 2018 midnight EDTPaper Submission Deadline: April 30, 2018 midnight EDTNotification of Acceptance: July 15, 2018Camera-ready version: August 15, 2018