

## AdHoc-Now 2019

01-03.10.2019 | Luxembourg



The 18<sup>th</sup> International Conference on Ad Hoc Networks and Wireless (AdHoc-Now 2019) will take place in Luxembourg on 1-3 October 2019.

AdHoc-Now is dedicated to wireless and mobile mesh computing. The 2019 edition will address the current and future status of Internet of Things (IoT) applications, among others in the areas of Disaster Management, Precision Agriculture and Environmental Monitoring and Management, with a particular focus on the integration of IoT with remote sensing, satellite communication, and satellite navigation.

AdHoc-Now serves as a forum for interesting discussions on ongoing research and new contributions. The event aims to bring together Information and Communication Technologies (ICT) experts from research institutions, academia, industry, start-up and investors.

AdHoc-Now 2019 organisation team seeks original contributions as work in progress, experimental and theoretical research in **Wireless Sensor, Ad-Hoc, Mobile and Wireless Networks**. Among the selected topics, there will be three special tracks:

- Internet of Things (IoT) and satellite systems in the 5G era
- IoT for smart and precision agriculture
- IoT for disaster management

For all the topics and tracks, authors are invited to submit **full-length Research Papers**, 12 pages long (single column) and **Poster and demonstration abstracts**, 6 pages long (single column), both based on [templates provided by Springer](#).

## Three special tracks on the following topics

### Internet of Things and satellite systems in the 5G era

- Novel network architectures for satellite terrestrial networks
- IoT protocol optimisation for satellite terrestrial networks
- Satellite based backhaul for IoT traffic offloading
- Routing and caching strategies for hybrid networks
- IoT, Satellite Communication, Remote Sensing and Earth Observation

### IoT for smart and precision agriculture

- IoT for Crop, Irrigation and Agriculture management
- End-to-end farm management systems
- IoT for Climate Monitoring

### IoT for Disasters Management

- IoT for Disaster risk minimization and prediction
- IoT for Emergency response
- IoT for Disaster recovery

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## Other topics of interest

In addition, the organisation team seeks for research papers in any of the following areas:

- Access Control
- Ad Hoc Networks of Autonomous Intelligent Systems
- Algorithmic Issues
- Analytic Methods and Modelling for Performance Evaluation
- Ad Hoc Network Applications and Architectures
- BigData Inspired Data Sensing
- Delay-Tolerant Networking
- Deterministic Networks
- Disaster Management
- Distributed Algorithms for Ad Hoc Networks
- Edge/Fog computing
- Energy Efficiency
- Geometric Graphs
- Hybrid IoT-satellite networks
- Internet of Things (IoT)
- Location Discovery and Management
- Long range IoT (LoRa, Sigfox, NB-IoT)
- Mobility Handling and Utilization
- Mobile Ad Hoc Computing Platforms
- Mobile Social Networking
- Precision Agriculture
- Processing and Networking Technologies Complexity and Computational Issues
- Protocol Optimisation
- Prototype systems and real-world deployment experiences
- Quality-of-Service
- Remote Sensing
- Routing Protocols (Unicast, Multicast, etc.)
- Satellite Communication
- Secure Services and Protocols
- Sensor Networks
- Self-Configuration
- Service Discovery
- Systems and Testbeds
- Software Defined Networking
- Space Weather
- Standardisation
- Timing Synchronization
- Vehicular Networks
- Wireless Mesh Networks

## Important dates of AdHoc-Now 2019

Abstract registration:	<b>15 May 2019 (extended)</b>
Paper Submission:	<b>30 May 2019 (extended)</b>
Notification to the Authors:	<b>15 July 2019</b>
Authors registration and Camera ready:	<b>1<sup>st</sup> August 2019</b>
End of early bird rates:	<b>10 September 2019</b>
AdHoc-Now Conference 2019:	<b>01-03 October 2019</b>

## Paper submission

Submissions must not be published or under review for another conference or journal.

All manuscripts must be in English. Full-length Research Papers should be 12 pages (**single column**) and Poster and demonstration abstracts should be 6 pages (**single column**), both based on **templates provided by Springer**.

Papers can be submitted through the Springer OCS system in pdf form.

Please follow the submission link available on the website.

## Venue

Meliá Hotel  
1, Park Dräi Eechelen  
L-1499 Luxembourg

## Contact

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