

IEEE HPSR 2019 Workshop
“Research Advancements in Localization for the Internet of Things”
Call for Papers



**IEEE 20th International Conference on
High Performance Switching and Routing**
(<http://www.ieee-hpsr.org/>)

The 2019 IEEE 20th International Conference on High Performance Switching and Routing (HPSR 2019) will be held at Xi'an, China from May 26 to 29, 2019. The conference is sponsored by the IEEE Communications Society. The conference will start right after the end of ICC 2019, which will be held in Shanghai.

The Research Advancements in Localization for the Internet of Things workshop focuses not only on the latest research outcomes but also emerging issues of positioning technologies in IoT. It provides also a forum for in-detail discussions on topics. Submissions of papers on the following topics, but not limited to, are appreciated.

[Topics of interests]

- Advanced technologies for IoT localization
- Enabling technologies for dependable IoT positioning systems
- Fog computing in IoT positioning systems
- Scalable IoT positioning architectures
- Secure architectures for IoT localization
- Secure IoT positioning protocols
- Dependable communication protocols for IoT localization
- Dependability measurements, modelling, and validation of IoT positioning systems
- Modeling and evaluation of IoT positioning performance
- Low-power chip/system design for localization in IoT
- Crowdsourcing for IoT localization
- Machine learning for location estimation in IoT
- Data fusion for IoT localization
- Advanced estimation theories for IoT localization
- Control and navigation technologies for autonomous system in IoT
- Location based services for IoT and 5G networks

Workshop Organizers

Fei Tong, Southeast University, ftong@seu.edu.cn

Xiufang Shi, Zhejiang University of Technology, xiufangshi@zjut.edu.cn

Yi Jiang, Northwestern Polytechnical University, jiangyiv88@nwpu.edu.cn

Bin Li, Northwestern Polytechnical University, libin@nwpu.edu.cn

Important Days

- | | |
|----------------------------------------------|-----------------------|
| Workshop paper submission due: | April 05, 2019 |
| Workshop acceptance notifications: | April 15, 2019 |
| Workshop camera ready submission due: | April 26, 2019 |
| Workshop author registration due: | April 26, 2019 |
| Workshop date: | May 29, 2019 |

Paper Submission Guidelines

Accepted papers will be included in the IEEE HPSR 2019 Workshop Proceedings, as well as in IEEE Xplore.

Submitted papers must be unpublished and should not be submitted elsewhere at the same time. Accepted papers should not exceed 6 pages in two-column IEEE Transactions style. Accepted papers longer than 6 pages will be charged for each extra page. Papers cannot be longer than 8 pages. Papers should be submitted as PDF files through the EDAS system. All submitted papers will be subject to three independent reviews.

Papers can be registered by accessing EDAS or by using the following direct link: <https://edas.info/N25978>. Authors can choose one of the three workshops by clicking on the title on a paper registration/submission page.

Top scored papers will be invited to submit an extended version of their work to a Special Issue of the Elsevier Journal of Optical Switching and Networking (OSN).

Author Registration for HPSR Workshop:

There is a single type of registration for all attendees, comprising tutorials, main conference, and workshops. **To upload the final version of an accepted paper, one author is required to register for HPSR. One full registration to HPSR is sufficient to present two papers accepted at the workshops or at the main conference.** The paper will be included in the Workshop Proceedings and will be published on IEEE Xplore provided that it will be presented by an author of that paper at the workshop.

One full registration to HPSR is sufficient to present two papers accepted at the workshops or at the main conference.

For more information, please visit

<http://hpsr2019.ieee-hpsr.org/authors/papers-submission-guidelines-workshops/>

