IEEE HPSR 2019 Workshop
"Cooperative Techniques for Future Wireless Communications"

Call for Papers

Deployment of cooperative techniques on wireless communication networks has been a subject of recent interest to researchers. The distributed nature of the wireless communication network provides unique opportunities for collaborative and distributed signal processing techniques that can potentially lead to significant energy saving and performance gain. Cooperative Techniques have been well researched especially in recent 5G mobile system. However there are still many unsolved research problems in this field, such as relaying protocols, cooperative methods for physical layer security, cooperative beamforming, distributed coding, and collaborative signal processing strategies, etc.

[Topics of interests]

The workshop aims to provide a forum for authors to present early research results on cooperative technology for future wireless communication systems, including theoretical principles, tools, applications, systems infrastructure, and testbeds. Topics of interest include (but not limited to) the following:

- Cooperative Relay Transmission
- Cooperative Beamforming
- Cooperative Transmission for Physical Layer Security
- Cooperative/Distributed Coding
- Collaborative Signal Processing Strategies
- Cooperative Massive MIMO System
- CoMP for 5G cellular system
- Cooperative driving, intelligent and autonomous vehicles
- Simulation methodology and platform for Cooperative Techniques

Workshop Organizers

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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Submitted papers must be unpublished and should not be submitted elsewhere at the same time.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 chose 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.

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For more information, please visit
http://hpsr2019.ieee-hpsr.org/authors/papers-submission-guidelines-workshops/