

CALL FOR PAPERS

The 21st IEEE International Workshop on Signal Processing Advances in Wireless Communications (SPAWC), will be held in Atlanta, Georgia, USA, on May 26-29, 2020. A flagship workshop of the IEEE SP Society SPCOM technical committee, SPAWC 2020 will combine cutting edge research in the fields of signal processing, communication theory, information theory, statistical learning, wireless networking and more.

SPAWC 2020 invites original contributions in the following (but not limited to) areas:

- MIMO systems (massive-, multi user-, network-MIMO etc.)
- Machine learning for wireless communications and networking
- Cooperative communication
- Resource allocation
- Convex and non-convex optimization
- Game theory for wireless
- Sparse signal processing for wireless
- Millimeter wave communications
- Full duplex systems
- Cognitive radio and networks
- Cooperative, compressed, and sparse sensing
- Machine-to-machine, device-to-device communications
- Modeling, estimation and equalization of wireless channels
- Acquisition, synchronization, localization and tracking
- Signal processing for optical, satellite, and underwater communications
- Energy efficiency and energy harvesting
- Distributed signal processing
- Uncoordinated access
- Internet of things
- Cache-aided communication
- Physical-layer security
- Broadband, ultra reliable, and low latency solutions for 5G and beyond
- Experimental setups

All invited and regular papers, with up to 5 pages of technical content (including references), will be published through IEEE Xplore.

Paper submission link: <https://www.edas.info/newPaper.php?c=27193>

Call for Special Sessions

The program for SPAWC 2020 will include Special Sessions which complement the regular program with new and emerging topics of interest to the signal processing and wireless

communication community. Please refer to the conference webpage for information about Special Sessions.

Important Dates

Special Session Proposals Due: December 8, 2019

Decisions for Special Sessions: December 15, 2019

Paper Submissions Due: February 26, 2020

Acceptance Notification: April 1, 2020

Revised Paper Upload Deadline: April 14, 2020

Author Registration Deadline: April 14, 2020

Travel Grant Application Deadline: April 14, 2020

Organizing Committee

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