

# 24<sup>th</sup> International ITG Workshop on Smart Antennas

## 18 – 20 February 2020, Hamburg, Germany

### Call for Papers

The 24<sup>th</sup> International ITG Workshop on Smart Antennas (WSA 2020) will be hosted at Hamburg University of Technology (TUHH). It provides a prestigious international forum for the latest results on communication and information theory, related signal processing algorithms, and experimental results for wireless communications, with special focus on multiantenna (MIMO) systems.

A non-exclusive list of topics of interest includes:

- Beamforming Techniques
- Massive/Full-Dimension MIMO
- Network/Distributed MIMO
- Multicell Systems and Interference
- Cloud Radio Access Networks
- Millimeter Wave and Terahertz Communications
- Limited Feedback
- Ultra-Low Latency Communication
- Channel Modelling and Estimation
- Compressive Sensing and Sparse Processing
- Machine Learning for PHY/MAC Design
- Multiantenna Techniques and Security
- Field Trials and Demonstrators
- MIMO Radar and Multisensor Processing
- Cooperative and Sensor Networks
- Device-to-Device Communications
- Vehicular Communications
- Uncoordinated and Massive Access
- Localization

#### Call for demo session contributions:

WSA 2020 will feature an interactive demo session, where wireless simulation tools, test beds, and prototypes can be presented. A corresponding paper submission is optional, with extended paper submission deadline. If you want to contribute to the demo session, please contact the workshop organizers directly at [wsa2020@tuhh.de](mailto:wsa2020@tuhh.de)

The workshop comprises both oral and poster presentations. All papers are peer reviewed and the proceedings will be included in the IEEE Xplore database.

Submissions of extended abstracts (at least 2 pages, A4 two-column IEEE conference format) and full papers (at most 6 pages) are accepted. Submissions are handled via EDAS.

#### Important dates:

Paper submission deadline:	Nov. 15, 2019
Acceptance notification:	Dec. 20, 2019
Final camera-ready upload and authors' registration:	Jan. 17, 2020
Workshop:	Feb. 18-20, 2020

#### General Conference Chair:

Gerhard Bauch, TUHH

#### TPC Chair:

Rainer Grünheid, TUHH

More information can be found at:

[www.wsa2020.net](http://www.wsa2020.net)

Contact:

[wsa2020@tuhh.de](mailto:wsa2020@tuhh.de)