



# ISWCS 2021

## 17<sup>th</sup> International Symposium on Wireless Communications Systems

6 to 9 September,  
2021  
Berlin, Germany

### General Chairs:

Slawomir Stańczak, TU Berlin & Fraunhofer HHI, Germany  
Eduard A. Jorswieck, TU Braunschweig, Germany

### General Co-Chairs:

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Faouzi Bader, CentraleSupélec, Rennes, France

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### Special Sessions Chairs:

Tobias Öchtering, KTH Stockholm, Sweden  
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### Tutorials Chairs:

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### Workshops Chairs:

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### Publications Chairs:

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### Website and Publicity Chairs:

Navneet Agrawal, TU Berlin, Germany  
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### Liaison Chairs:

*Asia:* Tadashi Matsumoto, JAIST, Japan  
*South America:* Lukas Landau, PUC Rio, Brazil

### Important Dates

**Full paper submission: April 12, 2021**

Tutorial submission: March 12, 2021  
Acceptance notification: June 07, 2021  
Camera-ready paper: July 05, 2021

**Conference: September 06 to 09, 2021**

**[Submission link not yet available](#)**

## Call for Papers

The aim of this symposium is to provide a forum for researchers and technologists to present new ideas and contributions in the form of technical papers, panel discussions, as well as real-world evaluation in the field of wireless communications, networking and signal processing. This 17th symposium will bring together various wireless communication systems developers to discuss the current status, technical challenges, standards, fundamental issues, and future services and applications.

### Topics of Interest

5G wireless systems and beyond, Information- and communication-theoretic analysis of wireless systems, Energy efficiency of wireless communications and networks, Backscatter communication, energy harvesting, and wirelessly powered communication, Smart-grid communications, Millimeter Wave Communication Theory, Sub-Terahertz Communication Theory, Spectrum sensing, sharing, learning and prediction, Duplexing, full-duplex and two-way wireless communication, Massive MIMO, holographic MIMO, very large aperture arrays, and cell-free network architectures, Non-orthogonal transmission methods for multi-user systems (NOMA, rate splitting), Visible light communication, Smart meta surfaces, Satellite and space communications, Quantum communications, Molecular communications, Physical layer security, Private communications and computations, UAV-communication and UAV-assisted wireless networks, Massive Internet of Things (IoT) communication, cellular and low-power wide area networks, smart cities, Ultra-reliable Low Latency Communication (URLLC), Vehicle-to-Everything (V2X) ecosystems, Network programmability and network slicing, Resource allocation, Machine Learning at the PHY and MAC Layer, Computing and machine learning for wireless network optimization, Wireless network architecture to support distributed learning, Cloud, fog, and edge network architectures, Positioning, localization, and radar, Testbeds, measurements, and analytics.

### Submission Guidelines

Prospective authors are invited to submit high-quality original technical papers (max 6 pages) for presentation at the conference and publication in the ISWCS 2020 Proceedings and IEEE Xplore (pending approval).

All papers should be submitted via EDAS, using standard IEEE conference templates.

The link for submission will be published well in time before the new deadline passes.