

# Call for Papers

## Communication and Signal Processing Symposium

*The 17<sup>th</sup> International Conference on Wireless Communications and Mobile Computing  
IWCMC 2021*

IWCMC 2021 Website: <http://iwcmc.org/2021/>

Submission Link: <https://edas.info/newPaper.php?c=27588>

**Harbin, China**

**June 28 — July 2, 2021**

The International Wireless Communications and Mobile Computing Conference (IWCMC 2021) will be held on June 28 - July 2, 2021 in Harbin, China. Under the theme of "*Communications with Intelligence*", IWCMC 2021 will target a wide spectrum of the state-of-the-art as well as emerging topics pertaining to wireless networks, wireless communications, and mobile computing. Continuing the great success of previous IWCMC events, IWCMC 2021 is anticipated to attract a large number of high-quality submissions and stimulate cutting-edge research discussions among many academic pioneering researchers/scientists and industrial engineers/leaders from all around the world.

The IWCMC 2021 program will feature a number of symposia, workshops, invited presentations, special sessions, and pioneering keynote speakers. More information can be found at the conference website: <http://iwcmc.org/2021/>.

### Organizing Committee

#### Chairs:

Daniel Benevides da Costa, Federal University of Ceará, Brazil, [danielbcosta@ieee.org](mailto:danielbcosta@ieee.org)

Rodolfo Oliveira, NOVA University of Lisbon/Instituto de Telecomunicações, Portugal, [rado@ieee.org](mailto:rado@ieee.org)

Jules M. Moualeu, University of Witwatersrand, South Africa, [jules.moualeu@wits.ac.za](mailto:jules.moualeu@wits.ac.za)

### Scope

The objective of this workshop is to stimulate discussion on the cutting-edge signal processing techniques for communications which can help the industry to move another step forward towards the 5G and Beyond 5G era. Papers describing innovative signal processing techniques applied to communications are welcome (see the topics list below).

### Topics

Accepted papers will be published in the IEEE IWCMC 2021 proceedings and will be submitted to the IEEE digital library (IEEE Xplore). Authors are welcome to submit papers with topics that include, but are not limited to:

· 5G Communication Systems	· Iterative Decoding Techniques
· Signal Processing for Comms Beyond 5G	· Machine Learning for Communications
· Cognitive Radios and Networks	· Machine-to-Machine (M2M) Communications
· Signal Processing for Cloud Computing	· Massive MIMO Technologies
· Compressed Sensing	· mm-wave Communications
· Cooperative Communications	· Multiuser Techniques
· Cross Layer PHY/MAC Design	· Multi-carrier Systems, including OFDM
· Cryptography and Data Security	· Multiple-Input Multiple-Output Techniques
· Detection and Estimation	· Non-Orthogonal Multiple Access
· Diversity	· Quantum Information Theory/Communications
· Dynamic Spectrum Management	· Source/Channel Coding
· Energy Efficiency Transmission	· Space-time Coding and Processing
· Energy Harvesting Communications	· Speech and Video Processing
· Wireless Power Transfer	· Spread Spectrum Communications
· Full-duplex Radios	· Synchronization
· Heterogeneous Wireless Network Architectures	· Visible Light Communications
· Information Theory	· Ultra-Wideband Communication

## Important Dates

Submission:	<b>January 10, 2021</b>
Acceptance notification:	March 30, 2021
Camera-ready paper submissions:	April 30, 2021

## Submission Guidelines

Prospective authors are invited to submit original technical papers - up to 6 pages of length, using the EDAS link: <https://edas.info/newPaper.php?c=27588> to various IWCMC 2021 Symposia and Workshops as listed in the conference website for possible publication in the IWCMC 2021 Conference Proceedings, which will be submitted to IEEE Xplore Digital Library. Selected papers will be further considered for possible publication in special issues of the following journals:

1. International Journal of Sensor Networks

(IJSNet): <http://www.inderscience.com/browse/index.php?journalCODE=ijsnet>

2. The International Journal of Autonomous and Adaptive Communications Systems

(IJAACS): [www.inderscience.com/ijaacs](http://www.inderscience.com/ijaacs)

3. KSII Transactions on Internet and Information Systems: [www.itiis.org](http://www.itiis.org)
4. Peer-to-Peer Networking & Applications: <http://www.springer.com/engineering>
5. Cyber-Physical Systems journal: [www.tandfonline.com/loi/tcyb20](http://www.tandfonline.com/loi/tcyb20)

There will also be best paper awards, one best symposium award, and one best Workshop award.