

Call for Papers

Communication and Signal Processing Symposium

*The 16th International Conference on Wireless Communications and Mobile Computing
IWCMC 2020*

IWCMC 2020 Website: <http://iwcmc.org/2020/>

Submission Link: <https://edas.info/newPaper.php?c=26206>

Limassol, Cyprus

June 15 — 19, 2020

Technically sponsored by: IEEE and IEEE Lebanon Section

Organizing Committee

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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 2020 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:	January 10, 2020
Acceptance notification:	March 30, 2020
Camera-ready paper submissions:	April 30, 2020

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=26206> for possible publication in the IWCMC 2020 Conference Proceedings, which will be submitted to the IEEE Xplore. Selected papers will further considered for possible publication in three special issues in the following Journals. For more information, visit: <http://iwcmc.org/2020/>

1. The 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)
<http://www.inderscience.com/jhome.php?jcode=ijaacs>
3. KSII Transactions on Internet and Information Systems: <http://www.itiis.org/>
4. Peer-to-Peer Networking & Applications:
<http://www.springer.com/engineering/signals/journal/12083>
5. Cyber-Physical Systems journal: www.tandfonline.com/loi/tcyb20

Note: There will be best paper award, best Symposium award and best Workshop award.

TPC Members (TBD)