IWS 2018: The Convergence of MHz through THz Technologies for 5G and Beyond

The fifth IEEE MTT-S International Wireless Symposium (IEEE IWS'2018) will be held on May 6-10, 2018 in Chengdu, China, as a part of 2018 China Microwave Week (CMW’2018). IWS is held annually in China to provide an international forum for presentation and exchange of the latest technical achievements and developments in components, circuits and systems related to existing and emerging wireless technologies. In addition, IWS 2018 will focus on the convergence of MHz to THz technologies for 5G and beyond. IWS 2018 will feature parallel session tracks, workshops, and a technology exhibition showcasing the latest wireless commercial products. The accepted and presented papers will be submitted for publication in IEEEExplore and the authors are invited to submit expanded versions to the IEEE T-MTT Mini Special-Issue on IWS 2018. More information can be found at www.em-conf.com/iws2018.

The IWS 2018 welcomes submission of new and innovative research/technology development in all areas of wireless systems including but not limited to:

2. On chip, In package and on-PCB Passive Components.
5. Advanced Satellite Communications.
7. THz Circuits and Applications.
10. Devices and Systems for Applications with Internet of Things (IoT).
14. Microwave and Millimeter wave Radio Over Fiber.
16. Advanced Modulation, Channel Coding, and Signal Processing for SISO, SIMO, MISO, and MIMO.
17. Wireless Techniques/Systems for Healthcare and Biomedical Applications including Body Area Devices/Networks.
20. Wireless Technology Regulations and Standards.
22. Green Technologies in Wireless Research and Development.

WORKSHOP PROPOSALS ➔

Proposals for workshops are solicited and must be received by Feb. 15, 2018 at http://www.em-conf.com/iws2018.

PAPER SUBMISSION INSTRUCTIONS ➔

Authors should submit a Summary (not more than 3 pages including figures) electronically at www.em-conf.com/iws2018 by Feb. 15, 2018 (firm deadline). Authors can indicate their preference for oral or poster presentation format but the Technical Program Committee reserves the right to make the final decision of presentation format. The only accepted file format is PDF.

Submissions will be evaluated on their originality, significance, technical soundness, and interest to a broad audience. Authors will be notified in early March of 2018 on whether their submissions are accepted or not. Final versions of the accepted papers (3 pages in length) must be received by March 30, 2018 to be included in the conference Proceedings.

STUDENT PAPER COMPETITION ➔

All accepted student papers will be considered for Student Paper Awards. Details on the Student Competition Program can be found at www.em-conf.com/iws2018.

TECHNOLOGY EXHIBITION ➔

IWS 2018 features a major commercial exhibition of new technologies, software and equipment, to meet the growing demand for microwave and wireless infrastructure and systems. See www.em-conf.com/iws2018 for details.