



14 – 16 March 2016, Shanghai, China

## IWS 2016: Call for Papers

In 2016, the IEEE Microwave Theory and Techniques Society (MTT-S) joins forces with IIC-China – an electronics design event with 20 years of on-the-ground experience in China – to launch Tech Shanghai. The new event, Tech Shanghai, combines the strengths of the International Wireless Symposium (IWS) and IIC-China to bring the latest technologies to local engineers. IIC has been held in seven locations across China. Twice a year in spring and fall, the event gathers together the world's leading semiconductor, T&M and other technology companies to educate Chinese engineers on the latest design solutions, techniques and trends. The IWS provides an international forum for the presentation and exchange of the latest technical achievements in microwave circuits, hardware, and RF systems related to the physical layer aspects of existing and emerging wireless systems. In addition, IWS 2016 will arrange special sessions that focus on the Internet-of-Things (IoT), which encompasses but is not limited to aspects of: ultra-low power consumption, low-cost systems, and novel wireless architectures. Accepted papers will be submitted for inclusion in the IEEE Digital Xplore Library. Additionally, **select accepted papers may be fast-tracked for an IEEE MTT Transaction Special Issue**. More information can be found at [www.iws-ieee.org](http://www.iws-ieee.org).

IWS 2016 welcomes submission of new and innovative research/technology development in all areas of wireless systems and wireless-wireline convergence including:

1. **Internet-of-Things** (Ultra-Low Power, System, Network Architectures)
2. Filters
3. Transmission Lines and Passive Components
4. Active and Smart Antenna Systems
5. CMOS Power Amplifiers
6. mmWave Circuits and Devices
7. Compound Semiconductor Power Amplifiers
8. Transceiver and Active Components/Integrated Circuits
9. Systems (Communications, VLC, Signal Processing)
10. Applications (Wearables, Smart Homes, Distributed Sensing)
11. Electromagnetics (RADAR, Sub-terrain imaging, medical imaging)

### Paper Submission Instructions

Authors must submit a Summary (not more than 4 pages including figures) electronically using the [www.iws-ieee.org](http://www.iws-ieee.org) web page by **16 October 2015**. Authors can indicate their preference for oral or poster presentation format but the Technical Program Committee reserves the right regarding final presentation format decision. Please note that the **only** accepted file format is PDF.

Submissions will be evaluated for originality, significance of the work, technical soundness, and interest to a wide audience. Authors will be notified by **30 November 2015**. Final manuscripts of accepted papers (4 pages in length) and IEEE copyright forms must be received by **16 January 2016** to be included in the published Proceedings.

### Industry Paper Information

IWS 2016 also seeks 2-page short-format original industrial paper submissions on all the areas listed above. The new 2-page short-format industry briefs will be presented in a 10-minutes short slot if accepted.

### Student Paper Competition

Eligible students are encouraged to submit papers for the IWS 2016 Student Paper Competition. The papers will be evaluated using the same standards as all contributed papers