# International Workshop on Smart Spectrum (IWSS)

**in conjunction with IEEE WCNC 2017**
**March, 2017, San Francisco, CA, USA**

**Smart Spectrum Utilization Based on Spectrum Measurement and Statistical Modelling**



## IWSS 2017 Call For Papers

**SCOPE:** An essential feature of future wireless communications is efficient, flexible and dynamic spectrum utilization. A wireless network taking advantage of spectrum measurements is a new, promising approach among conventional dynamic spectrum access techniques capable of delivering such smart spectrum utilization. By analyzing real world spectrum utilization, it is possible to obtain information on the actual spectrum usage statistics which can be used to develop spectrum usage models that can enhance the performance of estimating and predicting the spectrum status, as well as improving spectrum resource management, sharing and allocation. IEEE WCNC 2017 International Workshop on Smart Spectrum aims to bring together researchers, industry practitioners as well as members of standardization bodies and government to meet and exchange ideas on recent research and future directions for smart spectrum utilization.

**TOPICS:** The topics of the workshop include, but are not limited to:
- Spectrum measurement techniques (wideband, long term, and wide area measurements)
- Spectrum measurement campaigns and system prototyping
- Sensor networks for spectrum measurement
- Spectrum utilization database techniques
- Multidimensional spectrum utilization models
- Statistical modeling of radio environment
- Radio propagation modeling for spectrum sharing
- Cognitive radio networks and dynamic spectrum access
- Advanced spectrum sensing techniques
- Advanced MAC layer protocol design

**IMPORTANT DATE:**
- Paper submission : ~~October 15, 2016~~ **November 7, 2016**
  **Deadline Extended!!**
- Notification of acceptance : **December 15, 2016**
- Camera-ready papers: : **January 12, 2017**

**AUTHOR GUIDELINE:** The authors should follow the WCNC submission guidelines available at the main conference website when preparing their contributions. Papers are submitted via EDAS Conference and Journal Management System.

**CONTACT INFORMATION:**
**Website** : https://smartspectrum.wordpress.com/
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