

SPAWC 2015



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KTH Event

The 16th IEEE International Workshop on Signal Processing Advances in Wireless Communications, June 28 – July 1, Stockholm, Sweden

The SPAWC series of yearly workshops is dedicated to the latest advances in signal processing for wireless communications, and is sponsored by the IEEE Signal Processing Society. SPAWC 2015 will be held at the Main Campus of KTH Royal Institute of Technology in central Stockholm, Sweden, from June 28 – July 1, 2015. Carrying on the tradition of prior years, SPAWC 2015 will feature a combination of plenary talks, tutorials, invited as well as contributed poster sessions, presented in an environment that is conducive to discussions and the exchange of ideas.

Prospective authors are invited to submit papers in the following areas:

- Smart antennas and MIMO systems, large scale MIMO
- Single-carrier, multi-carrier, and multi-rate systems
- Multiple-access and broadcast channels, multi-user receivers
- Signal processing for ad-hoc, multi-hop, and sensor networks
- Cooperative communication, coordinated multipoint transmission and reception
- Distributed resource allocation and scheduling
- Energy efficient, green, radios
- Interference management, dynamic spectrum management
- Heterogeneous networks, small cells
- Millimeter wave, 60GHz communications
- Modeling, estimation and equalization of wireless channels
- Acquisition, synchronization, and tracking
- Compensation of transceiver front end non-idealities
- Full duplex systems
- Physical layer security
- Feedback in wireless networks
- Cognitive radio and networks
- Cooperative sensing, compressed sensing, and sparse signal processing
- Ultra-wideband radio, localization, RFID
- Cross-layer issues, joint source-channel coding, delay-limited communication
- Signal processing for optical and satellite communications
- Signal processing for nano- and molecular communications
- Emerging techniques and technologies, 5G

Full papers of up to a five-page limit should be submitted via EDAS.

Deadlines:

- ~~March 2~~ **March 13, 2015 Paper submission**
- ~~April 20~~ **April 24, 2015 Acceptance notification**
- **May 10, 2015 Final paper due**

IEEE reserves the right to exclude a paper from distribution after the conference (e.g. removal from IEEE Xplore) if the paper is not presented at the conference.