SPAWC 2013

The 14th IEEE International Workshop on
Signal Processing Advances in Wireless Communications

More details can be found at: www.spawc2013.org/

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Call for Papers

SPAWC 2013, the 14th IEEE International Workshop on Signal Processing Advances for Wireless Communications, will be held in

Darmstadt, Germany from June 16th to 19th 2013

The workshop is devoted to recent advances in signal processing for wireless and mobile communications, information and network theory. The technical program will feature keynote addresses and tutorials by leading researchers, as well as invited and contributed papers.

Important Dates:

Submission deadline:	February 4th, 2013
Notification of acceptance:	March 29th, 2013
Final paper due:	April 10th, 2013

Paper Submission

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

- Smart antennas, MIMO systems, and space-time coding
- Single-carrier, multi-carrier, and multi-rate systems
- Multiple access and broadcast channels, multi-user receivers
- Fundamental limits on capacity and performance analysis
- Cross-layer issues: from physical to networking and application layers
- Signal processing tools for ad-hoc, multi-hop, and sensor networks
- Cooperative communication, coordinated multipoint transmission and reception
- Cognitive networking
- Cooperative sensing and compressed sensing
- Distributed resource allocation and scheduling
- Ultra-wideband radio and RFID
- Time, frequency, spatial, multi-user diversity in fading channels
- Modeling, estimation and equalization of time-varying channels
- Acquisition, synchronization, and tracking (data aided or blind)
- Signal separation and interference rejection
- Source-channel coding
- Interference alignment
- Low-complexity implementations
- Novel communication modalities and technologies
- Signal Processing for nanonetworks and molecular communication

Up to a four page full paper, including figures, references, and paper classification categories should be submitted via **EDAS**. The paper must contain the name of the authors, affiliation, and contact information, including phone, and email. Comprehensive guidelines for paper preparation and submission can also be found on the paper preparation page.

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2013 IEEE 14th Workshop on Signal Processing Advances in Wireless Communications (SPAWC)

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