



19th IEEE INTERNATIONAL WORKSHOP ON SIGNAL PROCESSING ADVANCES IN WIRELESS COMMUNICATIONS

June 25-28, 2018

ELITE CITY RESORT HOTEL KALAMATA GREECE

Organizing Committee

General Chairs

Athina Petropulu

Rutgers University, USA

Constantinos Papadias

Athens Information Technology, Greece

Technical Program Chairs

Waheed Bajwa

Rutgers University, USA

Urbashi Mitra

University of Southern California, USA

Special Sessions Chair

Rick Brown

Worcester Polytechnic Institute, USA

Plenaries Chair

Qing Zhao

Cornell University, USA

Tutorials Chair

Ioannis Krikidis

University of Cyprus, Cyprus

Industrial Liaison Chairs

Marios Kountouris

Huawei, France

Yupeng Liu

Nokia, USA

Publications Chair

Angeliki Alexiou

University of Piraeus, Greece

Publicity Chair

Eleftherios Kofidis

University of Piraeus, Greece

SPAWC 2018 will be held in Kalamata, Greece on June 25-28, 2018. The workshop is devoted to advances in signal processing for wireless communications, networking, and information theory. The technical program features tutorials, plenary talks, thematic oral talks, as well as invited and contributed papers presented in poster format.

Call for Papers

Thematically, **SPAWC 2018** will in particular focus on the areas of:

- Machine learning and data analytics
- Physical-layer security and privacy
- Biological communications and signal processing
- 5G and beyond

In addition, special session proposals and regular papers are also being solicited in the general areas of:

- Smart antennas, MIMO systems, massive MIMO, and space-time processing
- Reliable wireless communications for autonomous vehicles
- Signal processing for ad-hoc, multi-hop, and sensor networks
- Cooperative communication, coordinated multipoint transmission and reception
- Distributed resource allocation and scheduling
- Convex and non-convex optimization; game theory for communications
- Heterogeneous networks, small cells
- Millimeter wave, 60 GHz communications
- Full duplex systems
- Cognitive radio and networks
- Cooperative sensing, compressed sensing, sparse signal processing
- Machine-to-machine, device-to-device communications
- Modeling, estimation and equalization of wireless channels
- Acquisition, synchronization, localization and tracking
- Low latency & delay-limited communications
- Signal processing for optical, satellite, and underwater communications
- Energy efficiency and energy harvesting

Three best papers, with students as primary authors, will be recognized at the workshop through a student-paper competition. All invited and regular papers, with up to four pages of technical content and one additional references-only page (for a total of five pages), will be published through IEEE Xplore. Papers will be submitted via EDAS.

Important Dates

- | | |
|---------------------------------------|-------------------------|
| • Special Session Proposals: | Dec. 4, 2017 |
| • Decisions Due for Special Sessions: | Dec. 25, 2017 |
| • Paper Submission: | Feb. 19, 2018 |
| • Paper Decisions Due: | Apr. 30, 2018 |
| • Camera-Ready Papers Due: | May. 14, 2018 |
| • Registration Deadline for Authors: | May. 14, 2018 |
| • Workshop Dates: | 25-28 June, 2018 |

