

# 10<sup>TH</sup> INTERNATIONAL WORKSHOP ON SIGNAL PROCESSING FOR SPACE COMMUNICATIONS SPSC 2008

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**RHODES ISLAND, GREECE**  
**6-8 OCTOBER 2008**

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## FIRST CALL FOR PAPERS

### OBJECTIVES

The main objective of the SPSC workshop is to provide an international forum for the scientific community, satellite industries, operators and service providers to present and discuss recent advances on signal processing techniques and related topics for space and satellite communication systems.

SPSC 2008 will provide a unique opportunity to share ideas, exchange related R&D experiences, learn about state-of-the-art techniques and technologies as well as to discuss current and future space communications needs and visions.

### TOPICS OF INTEREST

- Mobile satellite multimedia broadcasting systems and techniques
- Broadband satellite communication systems and techniques
- Coding, modulation, synchronization and access techniques for space communications, telemetry and earth observation applications
- OFDM and spread spectrum techniques for satellite communications
- MIMO and diversity techniques for satellite communications
- Advanced high-rate digital modems for space communications
- On-board processing techniques and advanced payload architectures
- Cross-layer design of satellite networks and ad-hoc satellite networking
- Air Traffic Management (ATM) systems and techniques
- Signal processing for secure communications and signal intelligence applications

### PAPER SUBMISSION GUIDELINES

Acceptance will be based on an extended abstract of about 600-1000 words. The extended abstract shall outline the work to be presented, its objectives and the achieved results including diagrams and figures in order to allow the reviewers to assess the novelty of the contribution.

All submissions shall be done electronically via the conference web site.

Corresponding authors of accepted abstracts must prepare an IEEE Xplore compliant version of their papers using the IEEE PDF eXpress system. Further instructions are available on the conference web site.

Final manuscripts will be included in the conference proceedings and appear in the IEEE Xplore provided that at least one of the authors has registered to the conference.

### SPECIAL TECHNICAL EVENTS

Proposals for special sessions and tutorials focusing on advanced topics of interest to the attendees of SPSC 2008 as well as exhibitions and live demonstrations of company products are solicited.

Interested parties should contact the conference secretariat by 30 March 2008.

### IMPORTANT DATES

Submission deadline of extended abstracts: **30 March 2008**

Notification of acceptance: **30 May 2008**

Submission deadline of camera ready papers and authors registration: **29 June 2008**

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#### Conference Secretariat

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