

# 16<sup>th</sup> INTERNATIONAL CONFERENCE ON DIGITAL SIGNAL PROCESSING

July 5-7, 2009 • Santorini, Greece

## DSP 2009

<http://www.dsp2009.org>

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### Important Dates

Deadline for Paper Submission:

**January 15, 2009**

Notification of Acceptance:

**March 15, 2009**

### Call For Papers

The 16<sup>th</sup> International Conference on Digital Signal Processing (DSP2009), the longest in existence Conference in the area of DSP, organized in cooperation with the IEEE, IET and EURASIP, will be held in July 5-7, 2009 on the island of Santorini, Greece. It belongs to a series of events, which commenced from London in 1968 and continued in Florence, Nicosia, Lemessos, Santorini and Cardiff. The last successful meeting took place in Cardiff, UK in July 2007.

DSP2009 addresses the theory and application of filtering, coding, transmitting, estimating, detecting, analyzing, recognizing, synthesizing, recording, and reproducing signals by means of digital devices or techniques. The term "signal" includes audio, video, speech, image, communication, geophysical, sonar, radar, medical, musical, and other signals. The program will include presentations of novel research theories / applications / results in lecture, poster and plenary sessions. A significant number of Special Sessions organised by internationally recognised experts in the areas, will be held. Topics of interest include, but are not limited to:

- Adaptive Signal Processing
- Array Signal Processing
- Audio / Speech / Music Processing & Coding
- Brain-Computer Interface
- Biomedical Signal and Image Processing
- Chaos and Fractals
- Digital and Multirate Signal Processing
- Digital Watermarking and Data Hiding
- Genomic Signal Processing
- Geophysical / Radar / Sonar Signal Processing
- Image and Multidimensional Signal Processing
- Image/Video Content Analysis
- Image/Video Indexing, Search and Retrieval
- Image/Video Processing Techniques
- Image/Video Compression & Coding Standards
- Information Forensics and Security
- Multidimensional Filters and Transforms
- Multiresolution Signal Processing
- Nonlinear Signals and Systems
- Real-Time Signal/ Image/Video Processing
- Signal and System Modelling
- Signal Processing for Smart Sensor & Systems
- Statistical Signal Processing
- Theory and Applications of Transforms
- Time-Frequency Analysis and Representation
- VLSI Architectures & Implementations

Prospective authors are invited to electronically submit the full **camera-ready paper**. The paper must not exceed **six (6) pages**, including figures, tables and references, and should be written in English. Authors should indicate one or more of the above listed categories that best describes the topic of the paper, as well as their preference (if any) regarding lecture or poster sessions. Lecture and poster sessions will be treated equally in terms of the review process. Submitted papers will be peer-reviewed by at least two experts in the field. All accepted papers will be published in the Conference Proceedings (CD ROM) and will be available for online access via IEEE Xplore® Digital Library. In addition to the technical program, a great social program will be offered to the participants and their companions. It will be a unique opportunity to meet colleagues and friends, while enjoying the beautiful summer weather of the Aegean Archipelagos.

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