22nd International Conference on Digital Signal Processing–50th Anniversary

Imperial College of Science, Technology, and Medicine
London, United Kingdom, August 23-25, 2017

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Local Arrangements

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DSP Alumni

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Call for Papers

The 22nd International Conference on Digital Signal Processing (DSP 2017), the most longstanding conference in the area of DSP, technically cosponsored by the IEEE, will be celebrated for its 50th anniversary in London, UK, where it started in 1968. DSP 2017 belongs to a series of events which had its genesis in London and continued to Florence, Nicosia, Lemessos, Santorini, Cardiff, Corfu, Hong Kong, Singapore, and Beijing. In 2017 delegates will be brought right up to date in heart of London, the biggest, most vibrant and cosmopolitan capital in Europe. The conference will contain a number of special sessions organised by known experts. The programme will also include presentations in lecture and poster sessions, together with plenary sessions delivered by eminent scientists. Conference content will be submitted for inclusion into IEEE Xplore as well as other Abstracting and Indexing (A&I) databases.

Technical Scope

The focus will be on signal processing theory, algorithms, and applications. We invite the submission of original, unpublished technical papers on topics including but not limited to:

- Audio and acoustic signal processing
- Bioinspired Signal Processing
- Communication signal processing
- Compressive sensing, dictionary learning, and sparse reconstruction
- Cooperative networking
- Design and implementation of signal processing systems
- Estimation theory and applications
- Image and video processing
- Information forensics and security
- Language processing
- Machine Learning

- Medical signal and image processing
- Multimedia signal processing
- Nonlinear signal processing and adaptive filters
- Radar and sonar signal processing
- Signal processing for education
- Sensor array and multichannel signal processing
- Sensor networks
- Signal processing applications
- Signal processing for Quantum
- Signal processing theory and methods
- Speech processing

Important dates:

Special session proposals:	20th February 2017
Special Sessions notification of acceptance:	10th March 2017
Full paper submissions:	03rd April 2017
Notification of acceptance:	28th June 2017
Camera-ready papers:	10th July 2017
Author/early bird registration:	10th July 2017

Full detail of submission procedure is available at www.dsp2017.com.

IEEE Signal Processing Society

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