



IEEE (Malaysia Section)  
Signal Processing Society

## 2013 IEEE International Conference on Signal & Image Processing Applications 8<sup>th</sup> - 10<sup>th</sup> October 2013

2<sup>nd</sup> Call For Papers  
**IEEE ICSIPA 2013**  
Melaka, Malaysia

The IEEE International Conference on Signal and Image Processing Applications (ICSIPA), organized by the IEEE Signal Processing Society (Malaysia Section) provides a forum for local and international researchers and engineers from academia and industry to present and discuss the latest technological advances and research results in the fields of theoretical, experimental and applied signal, image and video processing. IEEE ICSIPA 2013 is the third in the series and will be held in the Historical City of Melaka (Malacca), a UNESCO World Heritage Site in Malaysia. The previous two IEEE ICSIPA conferences, held in 2009 and 2011 at Kuala Lumpur, were major successes with over 50% and 70% international participation, respectively.

### TOPICS OF INTEREST

IEEE ICSIPA 2013 is seeking original high quality submissions addressing innovative research in the broad field of signal, image and video processing. Papers are solicited on, but not limited to:

**Image Acquisition and Display:** imaging sensors; acquisition systems; sampling, scanning; quantization; color reproduction; image rendering; display and printing systems; image quality.

**Image and Video Processing and Analysis:** image filtering; enhancement and restoration; image and video segmentation; image registration; stereoscopic and 3-D processing; video and image sequence processing; morphological processing; low-level feature extraction – color, texture and shape; high-level semantics; pattern recognition and classification; motion analysis and object tracking; object, event and scene recognition.

**Storage and Retrieval:** image, audio and video databases; multidimensional indexing; content-based retrieval; semantics retrieval; automatic image and video annotation.

**Coding and Transmission:** image and video coding; audio and speech coding; stereoscopic and 3-D coding; compression standards; image and video transmission over wireless networks.

**Applied Signal Processing:** signal processing for life sciences data; forensic signal analysis; radar and array processing; seismic signal processing; speech and music processing; smart grid applications; baseband communications; coding theory; digital communications; information theory; software radio; wireless communications; mobile signal processing.

**Emerging Technologies in DSP:** chaos theory and fractals; higher-order statistical techniques; multi-resolution and wavelet analysis; nonlinear signal processing; social and cloud signal processing; green signal processing; digital RF signal processing; terahertz signal processing.

### TUTORIALS & SPECIAL SESSIONS

Tutorials will be held on 7<sup>th</sup> October 2013 while special sessions would be during the conference. Brief Proposals are to be submitted by the **dates below**. Please see the [website](#) for details.

### PAPER SUBMISSION - EACH FULL REGISTRATION ENTITLED TO 2 PAPERS !

Prospective authors are invited to submit full papers of no more than six (6) pages including results, figures and references in standard IEEE double-column format. Submission is through the conference website and must adhere to guidelines available at the website. Papers presented at past ICSIPA are archived in the IEEE Xplore database.

### IMPORTANT DATES:

Special Sessions Proposals due :	7 <sup>th</sup>	March	2013
Full paper submission due :	1 <sup>st</sup>	April	2013
Tutorial Proposals due :	31 <sup>st</sup>	May	2013
Notification of paper acceptance :	1 <sup>st</sup>	July	2013
Registration, Payment & Camera-ready :	15 <sup>th</sup>	August	2013



# ICSIPA

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<http://spsocmalaysia.org/icsipa2013>

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