



The IEEE International Conference on Signal and Image Processing Applications (ICSIPA), organized by the IEEE Signal Processing Society Malaysia Chapter 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 2015 is the fourth in the series and will be held at the Pullman Kuala Lumpur Bangsar, Kuala Lumpur, Malaysia. The previous IEEE ICSIPA conferences, held in 2009, 2011 and 2013, were major successes with 50% - 70% international participation.

TOPICS OF INTEREST

IEEE ICSIPA 2015 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, WORKSHOPS & SPECIAL SESSIONS

Tutorials and workshops will be held on 18th October 2015 while Special Sessions would be during the conference. Please visit the conference website for the Special Sessions topics.

PAPER SUBMISSION - EACH FULL REGISTRATION ENTITLED TO 2 PAPERS !
Past IEEE ICSIPA papers are listed in IEEEExplore, Web of Science and Scopus !

IMPORTANT DATES

Full-paper submission (Regular) :	20 th	April	2015	<i>*extended*</i>
Full-paper submission (Special Sessions) :	30 th	April	2015	<i>*now open*</i>
Tutorial proposal submission :	1 st	June	2015	
Notification of paper acceptance :	15 th	June	2015	
Registration, Payment & Camera-ready :	1 st	Aug	2015	

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