
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 2019 is the fifth in the series and will be held on **17-19 September 2019** in **Kuala Lumpur, Malaysia**. The previous IEEE ICSIPA conferences, held since 2009, were major successes with 50% - 70% international participation.

**Confirmed Keynote Speaker :**

- **Prof. Dr Ali H. Sayed, President of the IEEE Signal Processing Society and Dean of Engineering , EPFL, Switzerland.**
- **Dr. Stefan Winkler, Deputy Director at AI Singapore and Associate Professor at NUS, Singapore.**
- **Dr. Neil Gordon, Research Leader for Intelligence Analytics at the Defense Science and Technology Group, Australia and Professor at the School of Information and Electrical Engineering, University of Queensland, Australia.**

## TOPICS OF INTEREST

IEEE ICSIPA 2019 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:

**Acquisition, Storage, Retrieval and Display:**
sensors; acquisition systems; sampling, scanning; quantization; signal reproduction; rendering; signal representation; signal quality; storage & retrieval; multimedia databases & indexing; content-based retrieval; automatic image & video annotation; compression.

**Computer Vision Processing and Analysis:**
filtering; enhancement and restoration; segmentation; registration; stereoscopic & 3-D processing; video processing; morphological processing; image understanding; pattern recognition; classification; motion analysis & object tracking; object, event & scene recognition.

**Information Forensics and Security:**
forensic signal processing; cryptography, steganography & watermarking; video surveillance; face recognition in the wild; crowd analytics; gait analysis; other biometrics recognition.

**Biomedical Signal Processing:**
bio-signal processing; medical image processing; 3D/4D modeling; multi-dimensional reconstruction; multi-modal analysis; health informatics; digital pathology; computer-aided diagnosis.

**Applied Signal and Speech Processing:**
signal processing for communications; radar & array processing; seismic signal processing; speech & music processing; smart grid applications; information theory; mobile signal processing.

**Trending Technologies in Signal and Image Processing:**
Big Data; IoT; deep learning; autonomous vehicles; digital home; wearable device; immersive computing; social & cloud signal processing; green signal processing; M2M; open source tools; Web 3.0.

## IMPORTANT DATES

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| **Special sessions proposal submission :** | **15** | **Feb** | **2019** |
| **Full-paper submission :** | **15** | **March** | **2019** |
| **Notification of paper acceptance :** | **15** | **May** | **2019** |
| **Registration, Payment & Camera-ready :** | **15** | **July** | **2019** |

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