



# IEEE ICSIPA 2021

IEEE INTERNATIONAL CONFERENCE ON SIGNAL AND IMAGE PROCESSING APPLICATIONS

13-15  
SEPTEMBER  
2021

KUALA TERENGGANU, MALAYSIA



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 2021 is the 7th in the series and will be held on **13-15 September 2021** in **Kuala Terengganu, Malaysia**. The previous IEEE ICSIPA conferences, held since 2009, were major successes with 50% - 70% international participation.

### TOPICS OF INTEREST

IEEE ICSIPA 2021 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:

COVID-19 and Imaging; 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.

### SPECIAL SESSIONS

Brief Proposals for Special Sessions during the conference may be submitted by the **dates below**.

**PAPER SUBMISSION (<https://edas.info/newPaper.php?c=28135>) -**

**EACH FULL REGISTRATION ENTITLED TO 2 PAPERS !**

**Past IEEE ICSIPA papers are listed in IEEE Xplore and Scopus !**

**Opportunity to participate in 3M Thesis Challenge , IEEE Signal & Image Processing Challenge Malaysia (SIPC–Malaysia).**

### CONFERENCE COMMITTEE

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### IMPORTANT DATES

Special sessions proposal submission :	28 Feb	2021
Full-paper submission :	31 March	2021
Notification of paper acceptance :	15 May	2021
Registration, Payment & Camera-ready :	31 July	2021

SUPPORTED BY:



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