

# ISPA 2025



## 14th International Symposium on Image and Signal Processing and Analysis

**29-31 October 2025**  
**Coimbra, Portugal**

### HONORARY CHAIR

**Sanjit K. Mitra**

University of Santa Barbara, USA

### GENERAL CO-CHAIRS

**Luís A. da Silva Cruz**

University of Coimbra, Portugal

**Sven Lončarić**

University of Zagreb, Croatia

### PROGRAM CO-CHAIRS

**Zhibo Chen**

University of Technology of China

**Armando J. Pinho**

University of Aveiro, Portugal

**Jorge Batista**

University of Coimbra, Portugal

**Marko Subašić**

University of Zagreb, Croatia

### PUBLICITY CHAIR

**Fernando Lopes**

ISEC, Portugal

### PUBLICATIONS CHAIR

**Tomislav Petković**

University of Zagreb, Croatia

### LOCAL ARRANGEMENTS CO-CHAIRS

**Fernando Lopes**

ISEC, Portugal

**Nuno Martins**

University of Coimbra, Portugal

**Pedro Daniel Rocha**

University of Coimbra, Portugal

### INFORMATION TECHNOLOGY CHAIR

**Roko Franetović**

University of Zagreb, Croatia

**Nuno Martins**

University of Coimbra, Portugal

### IEEE SPS LIAISONS

**Andre Kaup**

University of Erlangen, Germany

**Aydin Alatan**

Middle East University, Turkey

**Eduardo Antônio Barros da Silva**

University of Rio Janeiro, Brasil

**Ambarish Natu**

Australian Government, Australia



## IMPORTANT DATES

Deadline for submission of full papers:	August 25, 2025
Notification of acceptance/rejection of full papers:	September 29, 2025
Deadline for camera ready submission:	October 15, 2025
Author and early-bird registration:	October 15, 2025
Regular registration:	October 25, 2025

## CALL FOR PAPERS

The symposium main aim is to bring together researchers working in the exciting and dynamic areas of image and signal processing and computer vision promoting a fruitful exchange of new ideas.

Authors are invited to submit two categories of papers:

- full papers of no more than six pages describing high-quality original research
- short and position papers of no more than four pages.

Researchers are also invited to submit special session proposals as stated in the symposium webpage.

**Topics of interest include but are not limited to:**

#### A. Image and Video Processing

- A1. Image enhancement and restoration
- A2. Image representation and modeling
- A3. Interpolation, super-resolution and mosaicing
- A4. Image and video perception and quality models
- A5. Compression and Coding
- A6. Computational imaging
- A7. Color, multi-spectral, and hyperspectral imaging
- A8. Stereoscopic, multiview, and 3D processing

#### B. Image and Video Analysis

- B1. Segmentation, grouping, and shape representation
- B2. Motion and tracking, registration, and fusion
- B3. Deep learning and neural networks
- B4. Interpretation and understanding
- B5. Statistical learning
- B6. Detection, categorization, recognition, and classification
- B7. Image and video labeling and retrieval
- B8. Big data and large scale methods

#### C. Signal Processing and Analysis

- C1. Analog, digital and mixed signal processing
- C2. Signal modeling, prediction and identification
- C3. Compressive sensing
- C4. Filter design

#### C. Signal Processing and Analysis

- C5. Multirate and wavelet signal processing
- C6. Compression and coding
- C7. Time-frequency signal analysis
- C8. Multidimensional signal processing

#### D. Audio and Speech Processing

- D1. Speech and audio analysis
- D2. Speech synthesis
- D3. Speech coding and audio coding
- D4. Speech recognition
- D5. Loudspeaker and microphone arrays
- D6. Echo cancellation and audio source enhancement
- D7. Active noise control
- D8. Hearings aids

#### E. Applications

- E1. Biomedical and biological signal and image processing
- E2. Watermarking and information hiding
- E3. Biometrics, forensics, and security
- E4. Genomic signal processing and bioinformatics
- E5. Document image processing and analysis
- E6. Communication signal processing
- E7. Multimedia and speech processing
- E8. Emerging applications and systems

