

Fifth international conference on Image Processing Applications and System

# IPAS 2022

December 05-06-07 2022, Genova, Italy

## First Call for Submissions

### General Chairs:

Fabio Solari, Italy

Dorra Sellami, Tunisia

François Bremond, France

### Technical Program Chairs:

Andrea Trucco, Italy

Sébastien Ambellouis, France

Riadh Abdelfattah, Tunisia

Ali Wali, Sfax, Tunisia

Alima Damak, Tunisia

Nicolas Dobigeon, France

Nicolas Gillis, Belgium Cecilia

Petra Perner, Germany

Zanni Jacques Boonaert, France

Cyril Meurie, France

Cecilia Zanni Merk, France

Stella Mark Zwecker, France Chao-

Cheng Wu, Taiwan

Pau-Choo Chung, Taiwan

### Pleanary sessions Chairs:

Sergio Cerutti, Politecnico di Milano, Italy

Anthony Fleury, France

Hassan Rabah, France

Abdessalam Benzinou, France

Mehrez Abdellaoui, Tunisia

Hela Boulehmi Chtara, Tunisia

### Publication Chairs:

Habib Kamoun

Marco Domenico Santambrogio,

Politecnico di Milano, Italy

Amir Gargouri, Tunisia

### Local arrangement Chairs:

Chiara Bassano, Genoa, Italy

Giorgio Ballestin, Genoa, Italy

Jihene Frikha, Sfax, Tunisia

Majd Belaaj, Sfax, Tunisia

### Organizing Chairs:

Andrea Trucco, University of Genoa, Italy

Fabio Solari, University of Genoa, Italy

Mouna Zouari, Tunisia

Norhene Gargouri, Tunisia

Manel Loumi, Tunisia

Mondher Frikha, Tunisia

### Tutorial and special sessions Chairs:

Nawres Khlifa, Tunisia

Mounir Sayadi, Tunisia

Ali Douik, Tunisia

Aicha Bouzid, Tunisia

Zied Lachiri, Tunisia

Monia Truki, Tunisia

Mohamed Atri, Tunisia

### Registration Chairs:

Wiem Abbes, Tunisia

Hejer Loumi, Tunisia

### Publicity chairs:

Manuela Chessa (University of Genoa,

Italy)

### Main topics contain, but are not limited to:

- Image Processing Theory and Methods
- Image and Video Processing Theory
- Image and video analysis and interpretation
- Real Time Image Processing
- Categorization and Indexing
- Content Based Image Retrieval
- Low level image Processing & Image Segmentation
- Large Scale Methods Motion and Tracking
- Human Focused Analysis
- 3D Computer Vision
- Vision for Robotics
- Computer Vision for Virtual and Augmented reality
- Ultrasound, mammograms, Magnetic Resonance Imaging, and multimodal medical imaging
- Biologically Inspired Computer Vision and Image Processing
- GPU-based Image Processing and Computer Vision
- Computer Vision for tourism applications
- Computer Vision and Image Processing for cultural heritage applications
- Speech Processing
- Vision for Web Applications
- Underwater acoustic imaging
- Remote Sensing and Signal Processing
- Communication, Networking and Broadcast Technologies
- Computing and Processing applied to applied to sensing the earth, oceans, atmosphere and space, and the processing, interpretation.
- Theory, concepts, and techniques of science and engineering applied to Geoscience.
- Medical Engineering and Healthcare applications
- Medical Image Processing and Computer Aided Diagnosis, Computer Aided Detection.
- Computer Vision and Image Processing for healthcare applications.
- Image processing and Big Data
- Data Selection
- Image Processing for Cyber Security
- Signal Processing for Smart Systems and Sensors
- Hardware Implementation & Co-design
- Possibility Theory and Decision Making Systems
- FPGA Reconfigurable Systems
- Ontology based Image Representation & Processing
- Image Processing and biometric systems
- Multimodal Biometric Systems
- Statistical learning
- Pattern Analysis and Machine Intelligence
- Computer Vision Theory and Deep Learning
- Artificial Intelligence
- Convolutional Neural Networks.
- Operating systems, software systems, and communication protocols;
- Real-time systems and embedded systems;
- Performance, fault tolerance, reliability, security, and testability;
- Case studies and experimental and theoretical evaluations;
- New and important applications and trends in computer vision.
- Affective computing: Sensing & analysis: Algorithms and features for the recognition of affective state from face and body gestures.
- Analysis of text and spoken language for emotion recognition.
- Analysis of prosody and voice quality of affective speech.
- Recognition of auditory and visual affect bursts;
- Innovative studies in Cloud Computing applications.

**Call for Tutorials —** Tutorials at IPAS give an opportunity to the researchers and exhibitors to be aware of current research tendency in Image processing fields and applications.

**Call for Special Sessions —** The program for IPAS 2022 will include Special Sessions that focus on oriented thematic representing new current tendencies.

## IMPORTANT DATES

Paper Submission	May 20, 2022
Paper Notification	June 30, 2022
Camera ready paper submission	September 10, 2022
Author registration	October 10 2022