

Fifth international conference on Image Processing Applications and System

IPAS 2022

December 05-06-07 2022, Genova, Italy

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 Khelifa, 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 ++	July 30, 2022
Paper Notification ++	August 15, 2022
Camera ready paper submission	September 10, 2022
Author registration	October 10 2022