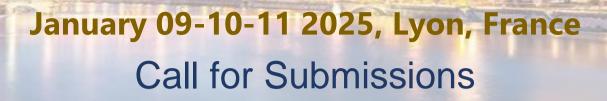
PAS



Main topics contain, but are not limited to:

Image Processing Theory and Methods

Dorra Sellami, Tunisia Francois Bremond, France **Technical Program Chairs:** William Puech, France Nicolas Dobigeon, France Laure Tougne-Rodet, France Carlos Crispim Junior, France Ali Wali, Tunisia Riadh Abdelfattah, Tunisia **Steering Committee:** Sébastien Ambellouis, France Fabio Solari, Italy Atika Riveng, France Ahmed-Abdelmalik Taleb, France Alima Damak, Tunisia Nicolas Gillis, Belgium Petra Perner, Germany Jacques Boonaert, France Cyril Meurie, France Cecilia Zanni Merk, France Stella Mark Zwecker, France Chao-Cheng Wu, Taiwan Pau-Choo Chung, Taiwan **Pleanary session Chairs:** Hela Boulehmi Chtara, Tunisia Anthony Fleury, France Hassan Rabah, France Abdessalam Benzinou, France **Publication Chairs:** Habib Kamoun Mouna Zouari, Tunisia Norhene Gargouri, Tunisia Local arrangement Chairs: Jihene Frikha, Tunisia Bertrand Kerautret, France Mihaela Scuturici, France Conférences Organizing Chairs: Amir 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

General Chairs:

Serge Miguet, France

•	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	1 +
•	Vision for Robotics	1.
•	Computer Vision for Virtual and Augmented	
	reality	
	Ultrasound, mammograms, Magnetic Resonance	PROFESSION OF
2 2 2 2	Imaging, and multimodal medical imaging 🐼 🖉	
• •	Biologically Inspired Computer Vision and Image	• •
	Processing	8 • ja
•	GPU-based Image Processing and Computer Vision	
•	Computer Vision for tourism applications	En tala tit
•	Computer Vision and Image Processing for cultural	
	heritage applications	
•	Speech Processing	
•	Vision for Web Applications	
•	Underwater acoustic imaging	IT I
•	Remote Sensing and Signal Processing	6
•	Communication, Networking and Broadcast	
	Technologies	Sindian .
•	Computing and Processing applied to applied to	
	sensing the earth, oceans, atmosphere and space,	the state
	and the processing, interpretation.	Trai
	Theory, concepts, and techniques of science and engineering applied to Geoscience.	H. at
	Medical Engineering and Healthcare applications	In the second
1	Medical Image Processing and Computer Aided	
Phone -	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 will include Special Sessions that focus on oriented thematic representing new current tendencies.

IMPORTANT DATES

Paper Submission + Paper Notification + July 30, 2024 Camera ready paper submission September 30, 2024 Author registration October 30, 2024

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June 30, 2024



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