International Conference on Image and Signal Processing

Cherbourg, Normandy, France July 2-4, 2018

www.icisp-conf.org

Call For Papers









Following the successful previous editions of the International Conference on Image and Signal Processing (ICISP) in Agadir – 2001, 2003, 2012, in Cherbourg – 2008, 2014 and Trois-Rivières – 2010, 2016, the University of Caen Noermandie (UCN) will organize the next ICISP event in Cherbourg, Normandy, France.

ICISP aims to provide researchers and practitioners from academia and industry with a forum on the last developments in image and signal processing, multimedia and computer graphics. Topics of interest include, but are not limited to:

- **Image and video processing and analysis**: image filtering, restoration and enhancement, image segmentation, video segmentation and tracking, morphological processing, feature processing, extraction and analysis, interpolation and super-resolution, Saliency computing, Super-pixel based processing, Image and Video Coding and Compression, Multimodal and Multi-sensor Models
- **Signal Processing:** spectral analysis, time-frequency and time-scale representation, statistical signal processing, filtering, detection and estimation, nonlinear signal, radar, antennas, telecommunications systems, acoustics.
- **Computer vision:** Algorithms, Feature extraction and pattern recognition, ML and Deep learning in vision, CBIR, Object and Face Recognition, Object detection and Localization, 3D Object Extraction, Tracking and Visual Navigation, etc.
- **Mathematical Imaging and Vision:** filters theory, imaging algebra, mathematical morphology, probabilistic, statistical, optimization, approximation theory, models in imaging science.
- **Applications:** Biometric and Biomedical imaging, Security and Video-surveillance, Quality control and inspection, archeology, remote sensing, other applications.
- **Special sessions and workshops:**
  - Digital cultural heritage
  - Graph signal processing.

Paper Submission: Prospective authors are invited to submit papers of not more than eight (8) pages including results, figures and references. All the papers will be handled through the website of the conference and easy-chair plateform:

http://www.icisp-conf.org

The proceedings of the conference will be published by the Springer LNCS series. Best papers will be published in a special issue of a major journal (TBA)

Submission of papers	February 11, 2018
Notification of acceptance	March 17, 2018
Submission of camera-ready papers	April 6, 2018

General Chair

Abderrahim El Moataz
Université de Normandie-Normandy , France

Technical Program Chair

Alamin Mansouri
University of Bourgogne, France

Technical Program Co-Chairs

Driss Mammas
Université Ibn Zohr,

Fathallah Nouboud
Université Québec à Trois-Rivières, Canada

Invited Speakers

Stanley Osher
University of California (UCLA) Los Angeles, USA

Jean Ponce
Ecole Normale Supérieure, Paris, France

Pierre Vandergheynst
EPFL, Lausanne, Switzerland

Joachim Weickert,
Saarland university, Germany