

# ICIP 2022

## Bordeaux, France

IEEE International Conference on Image Processing  
October 16 - 19, 2022, Bordeaux, France



### Organizing Committee

#### General Chairs

Yannick Berthoumieu, Bordeaux INP  
Pascal Frossard, EPFL

#### Technical Program Chairs

Andrea Cavallaro, Queen Mary University of London  
Jean-Christophe Pesquet, CentraleSupélec  
Rebecca Willett, University of Chicago

#### Finance Chairs

Christian Germain, Bordeaux Sciences Agro  
Jean-Pierre Da Costa, Bordeaux Sciences Agro

#### Plenary Chairs

Antonio Ortega, University of Southern California  
Ivana Tosic, Google VR

#### Tutorial Chairs

Gene Cheung, York University  
Nelly Pustelnik, CNRS

#### Special Sessions Chairs

Mujdat Cetin, University of Rochester  
Patrick Le Callet, University of Nantes

#### Challenge Sessions Chairs

Federica Battisti, University of Padova  
Lu Zhang, INSA Rennes

#### Registration Chair

Lionel Bombrun, Bordeaux Sciences Agro

#### Exhibits & Demo Show Chairs

Chaker Larabi, University of Poitiers  
Gianluca Monaci, Naver Labs Europe

#### Awards Chairs

Kjersti Engan, University of Stavanger  
Enrico Magli, Politecnico di Torino

#### Local IEEE SPS Liaison Chair

Jenny Benois-Pineau, University of Bordeaux

#### Publicity & Publication Chairs

Giuseppe Valenzise, CNRS  
Thomas Maugey, INRIA

#### Students Initiatives Chairs

Rémi Giraud, Bordeaux INP  
Mireille El Gheche, Sony AI Zurich

#### Industry-Related Initiatives Chairs

Frederic Dufaux, CNRS  
Beatrice Pesquet-Popescu, Thales Group  
Sebastien Guillon, TotalEnergies  
Anne Aaron, Netflix

#### Website and Social Media Chair

Nicholas Journet, University of Bordeaux

#### Local Arrangement Chairs

Marc Donias, Bordeaux INP  
Jean-Francois Aujol, University of Bordeaux

The 29th IEEE International Conference on Image Processing (ICIP 2022) will be held in Bordeaux, France, on October 16-19, 2022. ICIP is the world's largest and most comprehensive technical conference focused on image and video processing and computer vision.

### Topics of interest include, but are not limited to:

- Sensing, Representation, Modeling, and Registration
- Synthesis, Rendering, and Visualization
- Texture Image Representation and Classification
- Computational Imaging
- Restoration and Enhancement
- Filtering and Multi-resolution Processing
- Compression, Coding, and Transmission
- Color, Multi-spectral, and Hyper-spectral Imaging
- Document Analysis and Processing
- Stereoscopic, Multi-view, and 3D Processing
- Image & Video Quality Models
- Motion Estimation, Registration, and Fusion
- Deep Learning for Images and Videos
- Learning with Multiple Limited Labels
- Image & Video Analysis
- Detection, Recognition, Retrieval, and Classification
- Biometrics, Forensics, and Security
- Image Processing for Geophysics
- Image Processing for Public Health and Safety
- Biomedical and Biological Image Processing
- COVID-19 and radiomics
- Emerging Applications and Systems

### Paper Submission

Authors are invited to submit full-length papers (up to 4 pages for technical content including figures and references, and one optional 5th page containing only references). To maximize visibility and impact, all accepted papers will be published in IEEE Xplore through Open Preview and will be freely accessible and downloadable by all, in final format, beginning one month prior to the conference and through the conference end date. Submission instructions, templates for paper format, and the "no show" policy are available at the conference website.

### Rebuttal Policy

The optional author rebuttal is an opportunity to rebut factual errors. Rebuttals must be professional, concise, and not exceed 500 words. Rebuttals must not contain new contributions or new experimental results, but can contain additional information if requested by a reviewer.

### Journal Paper Presentations

Authors of papers published in all IEEE Signal Processing Society fully owned journals as well as in IEEE TCI, IEEE Signal Processing Letters, IEEE TIP, IEEE TMI, IEEE TM, IEEE TIFS, IEEE TSP, IEEE Journal on STSP, and IEEE SPM will be given the opportunity to present their works at ICIP 2022, subject to space availability and approval by the Technical Program Committee. Visit the conference website for more details.

### Tutorials, Special Sessions, and Challenge Sessions Proposals

Tutorials will be held on October 16, 2022. Tutorial proposals must include a title, outline, description of the materials to be covered/distributed, and the contact information, biography and selected publications of the presenter(s). Special sessions and challenge sessions proposals must include a topical title, rationale, session outline, contact information, and a list of invited papers/participants. For detailed submission guidelines, please visit the conference website.

### Open Preview

Open Preview allows conference proceedings to be available in the IEEE Xplore Digital Library, free of charge, to all customers, 30 days prior to the conference start date, through the conference end date.

### Important Dates

|   |                          |
|---|--------------------------|
| Challenge Proposal Deadline:                                    | December 3, 2021         |
| Challenge Proposal Acceptance Notification:                     | December 13, 2021        |
| Special Session Proposal Deadline:                              | December 13, 2021        |
| Special Session Proposal Acceptance Notification:               | January 3, 2022          |
| Tutorial Proposal Deadline:                                     | January 17, 2022         |
| Tutorial Proposal Acceptance Notification:                      | February 7, 2022         |
| <b>Regular &amp; Special Session Paper Submission Deadline:</b> | <b>February 16, 2022</b> |
| Challenge Paper Submission Deadline:                            | February 25, 2022        |
| Reviews Made Available to Authors:                              | May 16, 2022             |
| Author Rebuttal Deadline:                                       | May 23, 2022             |
| Journal Presentation Request Deadline:                          | May 30, 2022             |
| <b>Paper Acceptance Notification:</b>                           | <b>June 20, 2022</b>     |
| Journal Presentation Request Notification:                      | June 20, 2022            |
| Final Paper Submission Deadline:                                | July 11, 2022            |
| Author Registration Deadline:                                   | July 18, 2022            |



<https://2022.ieeeicip.org>

