



Abu Dhabi



IEEE International Conference on Image Processing 25-28 October 2020, Abu Dhabi, United Arab Emirates

General Chairs

Mohammed Al-Mualla, *Ministry of Education, UAE*
Moncef Gabbouj, *Tampere University, Finland*

Technical Program Chairs

Ghassan AlRegib, *Georgia Institute of Tech., USA*
A. Murat Tekalp, *Koç University, Turkey*

Plenary Chairs

Magdy Bayoumi, *Univ. of Louis. at Lafayette, USA*
Aggelos Katsaggelos, *Northwestern University, USA*

Special Sessions Chairs

Karen Egiazarian, *Tampere University, Finland*
Dan Schonfeld, *University of Illinois, USA*

Tutorials Chairs

Carl Debono, *University of Malta, Malta*
Jens-Rainer Ohm, *RWTH Aachen Univ., Germany*

Challenge Sessions Chairs

Hasan Al-Marzouqi, *Khalifa University, UAE*
Mohamed Deriche, *King Fahd Univ. Pet. & Min., KSA*

Industry Liaison Chairs

Hassan Al-Muhairi, *Ministry of Education, UAE*
Anil Kokaram, *Trinity College, Ireland*

Awards Chairs

Sheila Hemami, *Draper, USA*
Gaurav Sharma, *University of Rochester, USA*

Publications Chairs

Adnan El Nasan, *UMass Dartmouth, USA*
Naoufel Werghi, *Khalifa University, UAE*

Student Activities Chairs

Gozde Bozdagi Akar, *Middle East Tech. Univ., Turkey*
Jorge Dias, *Khalifa University, UAE*

Women in Image Processing Chairs

Fatma Taher, *Zayed University, UAE*
Islem Rekik, *Istanbul Technical University, Turkey*

Finance Chair

Ali Dawood, *UAE*

Publicity & Patronage Chairs

Hussain Al-Ahmad, *University of Dubai, UAE*
Khaled Assaleh, *Ajman University, UAE*

Local Arrangements & Exhibits Chairs

Mahmoud Alqutayri, *Khalifa University, UAE*
Hosni Ghedira, *Khalifa University, UAE*

Registration Chairs

Tamer Rabie, *University of Sharjah, UAE*
Andrzej Sluzek, *Khalifa University, UAE*

Web Chairs

Husameldin Mukhtar, *University of Dubai, UAE*
Mohammad Haneef, *University of Dubai, UAE*

International Liaison Chairs

Bernd Girod, *Stanford University, USA*
Eduardo da Silva, *Univ. Fed. Rio de Janeiro, Brazil*
Aleksandra Pizurica, *Ghent University, Belgium*
Mark Pickering, *Univ. of New South Wales, Australia*
Feng Wu, *Univ. of Science and Tech. of China, China*

Regional Liaison Chairs

Amel Benazza, *University of Carthage, Tunisia*
Mariette Awad, *American Univ. of Beirut, Lebanon*
Mohamed Fakh, *Arab Acad. for Sci. & Tech., Egypt*

IEEE SPS Liaison

Onur Guleryuz, *Google, USA*

The 27th IEEE International Conference on Image Processing (ICIP 2020) will be held in the Abu Dhabi National Exhibition Center (ADNEC), Abu Dhabi, United Arab Emirates (UAE), on October 25-28, 2020. ICIP is the world's largest and most comprehensive technical conference focused on image and video processing and computer vision. The conference will feature world-class speakers and panelists, special and grand challenges sessions, tutorials, exhibits, and an innovation program that includes prominent industry keynote speakers, workshops and showcases.

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 Multiresolution Processing
- Interpolation, Super-resolution, and Mosaicing
- Compression, Coding, and Transmission
- Color, Multispectral, and Hyperspectral Imaging
- Document Analysis and Processing
- Stereoscopic, Multiview, and 3D Processing
- Image & Video Perception and Quality Models
- Motion Estimation, Registration, and Fusion
- Deep Learning for Images and Videos
- Learning with Limited Labels
- Robustness in Image Processing and Learning
- Image & Video Analysis and Segmentation
- Interpretation and Understanding
- Detection, Recognition, and Classification
- Image & Video Labeling and Retrieval
- Biometrics, Forensics, and Security
- Image Processing for Geophysics
- Image Processing for Public Health and Safety
- Biomedical and Biological Image Processing
- Image & Video Systems and Applications
- 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 as possible, 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 <http://2020.ieeeicip.org>.

Journal Paper Presentations

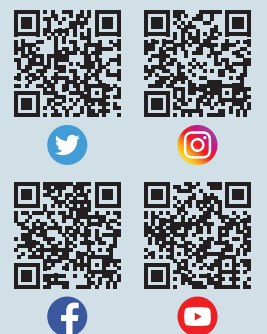
Authors of papers published in all IEEE Signal Processing Society fully owned journals as well as in IEEE Transactions on Computational Imaging and IEEE Wireless Communication Letters will be given the opportunity to present their works at ICIP 2020, subject to space availability and approval by the Technical Program Committee. Visit the conference website for more details.

Tutorials, Special Sessions, and Challenge Sessions Proposals

Tutorials will be held on October 25, 2020. 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.

Important Dates

- Special Session Proposals November 30, 2019
- Notification of Special Session Acceptance December 15, 2019
- Challenge Session Proposals November 30, 2019
- Notification of Challenge Session Acceptance December 15, 2019
- Tutorial Proposals December 15, 2019
- Notification of Tutorial Acceptance January 15, 2020
- Regular and Special Session Paper Submission January 31, 2020
- Notification of Paper Acceptance April 30, 2020
- Camera-Ready Papers May 15, 2020



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