AbuDhabi ICIP 2020

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 Fahad 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 Fakhr, *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, and Modeling
- 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 early as possible, all papers accepted to ICIP 2020 will be published in IEEE Xplore through Open Preview and will be freely accessible and downloadable in final format beginning one month before the conference until October 29, 2020. Submission instructions, templates for the paper format, and "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 15, 2019**
- **Notification of Special Session Acceptance** .... **December 15, 2019**
- **Challenge Session Proposals** .... **November 15, 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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