

CALL FOR PAPERS

IMAGE PROCESSING: ALGORITHMS AND SYSTEMS XVIII

CONFERENCE HOT TOPICS

Submissions that address theoretical and applied image processing research in:

- Augmented reality imaging systems
- Data analytics and visualization
- Deep learning for imaging
- Imaging for a better world
- Light field imaging
- Multi-sensor-image fusion
- Scientific imaging

AWARD

- Best Paper Award

CONFERENCE TOPICS ONGOING*

Image sensing, modelling, and representation

- Statistical modeling and estimation
- Image models (structure based, morphological, graph based)

Image processing methods

- Transforms, wavelets, and abstract harmonic analysis
- Plenoptics and light field imaging

Applications and systems in

- Machine vision
- Visual and multimedia communications
- Microarray imaging
- Biomedical and health informatics

* See conference webpage for detailed listing of subtopics

ABOUT THE SYMPOSIUM

A week of interconnected imaging science events allowing you to expand your knowledge and network, including:

- Short courses taught by international experts
- 17 conferences—from Autonomous Vehicles to VR to Image Quality
- Opportunities for Students and Young Professionals
- 3 engaging Plenary Talks
- Joint sessions to increase knowledge across areas
- 3D Theater, Demonstration Session, Exhibition, Receptions, and more

CONFERENCE WEBSITE

A complete list of conference topics and submission requirements is found on the conference webpage: bit.ly/EI2020_IPAS

SUBMISSION OPTIONS

Presentation + proceedings paper: Submit a 1,000-word structured abstract or a 4-6 page draft proceedings paper, including results and figures (template provided). Accepted authors write 4-6 page paper for inclusion in the Open Access conference proceedings.

Presentation-only: Submit a 500-word short abstract. Accepted authors present work, but do not write a proceedings paper.

Journal-first paper: Submit a full, journal-ready paper, for Open Access publication in the selected journal (provides journal citation) and inclusion in the conference proceedings. Authors present their papers at EI. Select either the *Journal of Imaging Science and Technology* (JIST) or *Journal of Perceptual Imaging* (JPI).

SUBMISSION DEADLINES

Early decision: 15 July 2019

JIST- /JPI-first: 15 July 2019

Regular submission: 30 September 2019

FINAL PROCEEDINGS MANUSCRIPT DEADLINE

Typical length: 4-6 pages

- **FastTrack viewing** (available online at EI): 25 November 2019
- **Post-EI viewing:** 10 February 2020

To register or learn more, visit
www.ElectronicImaging.org

