

CALL FOR PAPERS

HUMAN VISION AND ELECTRONIC IMAGING 2020

CONFERENCE HOT TOPICS

Submissions that address perception aspects in:

- Augmented and Virtual Reality (AR/VR)
- Color
- HDR imaging and displays
- HMI (human machine interface)
- Material appearance perception

SPECIAL EVENT

- HVEI Banquet and Talk

AWARD

- Best Paper Award

CONFERENCE TOPICS ONGOING*

- Fundamental and applied research in human perception and cognition
- Visual, auditory, haptic, olfactory, and taste perception, and cross-sensory interactions
- Perceptually-based algorithms, metrics, and methods for image and video quality and compression
- Image and video analysis and understanding
- Visual cognition, including visual attention and saliency, visual search, pattern recognition, perceptual organization, and semantics
- Higher-level issues in image quality, include quality of experience, aesthetics, emotion, and context
- Perceptual and cognitive opportunities for emerging technologies
- Perception, art, and aesthetics, including fine arts and design, integrating artistic and scientific insights on perceptual phenomena

* 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 details for submission is found on the conference webpage: bit.ly/EI2020_HVEI

SUBMISSION OPTIONS

Presentation + proceedings paper: Submit a 4-6 page draft proceedings paper with optional figures using the symposium template. 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

