

## CALL FOR PAPERS

# COMPUTER VISION AND IMAGE ANALYSIS OF ART III

### CONFERENCE HOT TOPICS

Submissions that address computer image analysis in the study of the art in the following areas are welcome:

- Image analysis of picture supports, perspective, brushstrokes, form, color, layering, etc.
- Image de-warping to reveal undistorted images from non-planar artwork, anamorphic art, or depictions of reflections in curved mirrors
- Color modeling and manipulation for reversing/predicting the effects of aging and conservation treatments

### AWARDS

- Best Paper Award
- Best Student Paper Award

### CONFERENCE TOPICS ONGOING\*

- Multi-spectral imaging and color transformations
- Perspective analysis
- Three-dimensional reconstruction of spaces from multiple images
- Wavelet and multiscale analysis
- Fractal analysis
- Inferring illumination within depicted scenes
- Authentication and detection of forgeries
- 'Reverse aging' of faded artworks such as tapestries to recover original colors
- De-warping anamorphic, distorted or panoramic artwork
- Geometrical transformations for re-presenting curved art

\* 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\\_CVAA](http://bit.ly/EI2020_CVAA)

### 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](http://www.ElectronicImaging.org)

