IS&T International Symposium on
Electronic Imaging 2020
SCIENCE AND TECHNOLOGY
Where Industry and Academia Meet

26–30 January 2020
Burlingame, California USA

CALL FOR PAPERS

3D MEASUREMENT AND DATA PROCESSING 2020

CONFERENCE HOT TOPICS

Submissions that address 3D measurement and data processing aspects in:

- Deep learning
- HMI (human machine interface)
- Medical/diagnostic imaging
- Multi-sensor fusion
- Multi-scale data integration

AWARDS

- Best Paper Award
- Best Student Paper Award

CONFERENCE TOPICS ONGOING*

- 3D, 4D, and multimodal imaging systems
- 3D/4D imaging metrology
- 3D/4D data preprocessing and filtering
- Multi-view data integration
- Representations: models, tools for transformation, simplification
- Analysis: feature extraction, segmentation, classification, pattern recognition
- 3D shape indexing and retrieval
- Scene analysis: from 2D views to 3D reconstruction and interpretation
- Quality assessment
- 3D imaging technology

* 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_3DMP

SUBMISSION OPTIONS

Presentation + proceedings paper: Submit a 500- or 1,000-word structured abstract, or a 4-6 page draft proceedings paper (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

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