

Where Industry and Academia Meet

Join us

3D IMAGE PROCESSING, MEASUREMENT (3DIPM), AND APPLICATIONS 2018

Conference days: 31 Jan and 1 Feb

CONFERENCE SESSIONS

- Depth Sensing (with Image Sensors and Imaging Systems Conf.)
- 3D Data Processing
- 3D Scene Sensing and Object Recording
(with Image Processing: Algorithms and Systems Conf.)

RELATED SHORT COURSES

- **EI01: Stereoscopic Display Application Issues**
John Merritt, The Merritt Group (US), and Andrew Woods, Curtin Univ. (Australia)
Sunday 28 January 8:00 am – 5:45 pm
- **EI04: 3D Point Cloud Processing**
Gady Agam, Illinois Institute of Technology (US)
Sunday 28 January 8:00 am – 12:15 pm
- **EI06: 3D Video Processing Techniques for Immersive Environments**
Yo-Sung Ho, Gwangju Institute of Science and Technology (Republic of Korea)
Sunday 28 January 8:00 am – 12:15 pm
- **EI14: 3D Reconstruction Imaging**
Gady Agam, Illinois Institute of Technology (US)
Tuesday 30 January 8:30 am – 12:45 pm
- **EI17: Build Your Own VR Display: An Introduction to VR Display Systems for Hobbyists and Educators**
Hayato Ikoma, Robert Konrad, and Nitish Padmanaban, Stanford Univ., and Keenan Molner, Playground Global (US)
Wednesday 31 January 8:30 am – 12:45 pm
- **EI23: Practical Insights into Implementing a CINEMATIC VR Capture System**
Nitin Sampat and J. A. Stephen Viggiano, RIT (US)
Sunday 28 January 1:30 – 3:30 pm

SYMPOSIUM PLENARY TALKS

Monday: Overview of Modern Machine Learning and Deep Neural Networks – Impact on Imaging and the Field of Computer Vision,
Greg Corrado, co-founder of Google Brain and Principal Scientist at Google

Tuesday: Fast, Automated 3D Modeling of Buildings and Other GPS Denied Environments, **Avideh Zahkor, Qualcomm Chair & Professor at UC Berkeley**

Wednesday: Ubiquitous, Consumer AR Systems to Supplant Smartphones, **Ronald T. Azuma, Intel Labs Researcher and Augmented Reality Pioneer**

SYMPOSIUM HIGHLIGHTS

- 18 conferences featuring 30 keynote talks by world reknown experts
- 3D Theatre
- Tours of Stanford University Labs
- Industry Exhibition
- Meet the Future: Showcase of Student and Young Professional Research
- Demonstration Session
- Poster Session
- Welcome Reception
- Women in Electronic Imaging Breakfast
- Human Vision in Electronic Imaging 30th Year Banquet

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

