IS&T International Symposium on
# Electronic Imaging 2018
SCIENCE AND TECHNOLOGY

28 January – 2 February 2018
Hyatt San Francisco Airport, CA

*Where Industry and Academia Meet*

Join us

# THE ENGINEERING REALITY OF VIRTUAL REALITY (ERVR) 2018

Conference days: 30 Jan to 1 Feb

## CONFERENCE KEYNOTES

- **Immersive Imaging: Real-time capture of people and environments for immersive computing**, Shahram Izadi, PerceptiveIO, Inc. (US)
- **Surfing the wave of virtual reality and my cybercanoe**, Jason Leigh, Laboratory for Advanced Visualization and Applications (LAVA), University of Hawaii at Manoa (US)

## CONFERENCE SESSIONS

- Stereoscopic Applications: VR to Immersive Analytics in Bioinformatics (with SD&A Conf.)
- Discussion: 360° Imaging Should Be 3D – But Why And How? (with SD&A Conf.)
- Immersive Imaging (with SD&A and Photography, Mobile, and Immersive Imaging Confs.)
- Visualization Facilities (with SD&A Conf.)
- Living the Vida VR! Presence and Being in VR!
- Look at Me Now! VR Applications!
- Get 'er Done! In VR!

## RELATED SHORT COURSES

- **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*

- **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**

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