

Where Industry and Academia Meet

Join us

COMPUTATIONAL IMAGING XVI

Conference days: 29-31 Jan

CONFERENCE SESSIONS

- Tomography
- Smart Imaging
- Computational Imaging for Advanced Manufacturing (with Intelligent Robotics and Industrial Apps. using Computer Vision Conf.)
- Image Analysis and Modeling
- Computational Imaging
- Interactive (Poster) Papers

RELATED SHORT COURSES

- **EI02: Advanced Image Enhancement and Deblurring**
Majid Rabbani, Consultant (US)
Sunday 28 January 8:00 am – 12:15 pm
- **EI03: Optimizing Computer Vision and Neural Network Applications using OpenVX**
Radhakrishna Giduthuri, Advanced Micro Devices, and Kari Pulli, Meta (US)
Sunday 28 January 8:00 am – 12:15 pm
- **EI10: Fundamentals of Deep Learning**
Allison Gray, NVIDIA, and Raymond Ptucha, RIT (US)
Sunday 28 January 1:30 – 5:45 pm
- **EI13: Deep Learning for Image and Video Processing**
Jonathon Shlens and George Toderici, Google, Inc. (US)
Monday 29 January 8:30 am – 12:45 pm
- **EI18: Introduction to Probabilistic Models for Inference and Estimation**
Gaurav Sharma, Univ. of Rochester (US)
Thursday 01 February 8:30 am – 12:45 pm
- **EI25: Computer Vision for Autonomous Driving**
Rony Ferzli, Intel Corp. (US)
Sunday 28 January 1:30 – 3:30 pm
- **EI29: Introduction to TensorFlow**
Magnus Hyttsten, Google, Inc. (US)
Monday 29 January 3:15 – 5:15 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

