

Where Industry and Academia Meet

Join us

INTELLIGENT ROBOTICS AND INDUSTRIAL APPLICATIONS USING COMPUTER VISION 2018

Conference days: 29-31 January

CONFERENCE SESSIONS

- Surveillance in Robotics, Vision, and Inspection (with Surveillance Session: Applications and Algorithms)
- Computational Imaging for Advanced Manufacturing (with Computational Imaging Conf.)
- Machine Vision and Deep Learning
- Machine Vision and Imaging
- Pattern Recognition and Inspection
- Robotic Vision Techniques for Navigation and Vision (with Autonomous Vehicles and Machines Conf.)

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
- **EI09 Using Cognitive and Behavioral Sciences and the Arts in Artificial Intelligence Research and Design**
Mónica López-González, La Petite Noiseuse Productions (US)
Sunday 28 January 1:30 – 5:45 pm
- **EI16 Joint Design of Optics and Image Processing for Imaging Systems**
David Stork, Rambus (US)
Tuesday 30 January 8:30 am – 12:45 pm
- **EI20 Introduction to CMOS Image Sensor Technology**
Arnaud Darmont, APHESA SPRL (Belgium)
Sunday January 28, 8:00 – 10:00 am
- **EI25 Computer Vision for Autonomous Driving**
Rony Ferzli, Intel Corp. (US)
Sunday 28 January 1:30 – 3:30 pm
- **EI27 High-Dynamic-Range Theory and Technology**
John McCann, McCann Imaging (US), and Alessandro Rizzi, Università degli Studi di Milano (Italy)
Sunday 28 January 3:45 – 5:45 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

