IMAGING AND MULTIMEDIA ANALYTICS
IN A WEB AND MOBILE WORLD 2018

Conference days: 31 Jan and 1 Feb

CONFERENCE KEYNOTES
- How does building a low cost vision sensor teach us about deep learning?, Tianli Yu, Morpx Inc (US)

CONFERENCE SESSIONS
- Deep Learning for Recognition and Detection
- Deep Learning for Face Recognition
- Multimedia Analytics in Online Systems
- Mobile Image Analytics and Augmented Reality
- Multi-Media Analysis with Transportation Applications

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
- 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
- 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
- EI18: Introduction to Probabilistic Models for Inference and Estimation
  Gaurav Sharma, Univ. of Rochester (US)
  Thursday 01 February 8:30 am – 12:45 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

SYMPOSIUM HIGHLIGHTS
- 18 conferences featuring 30 keynote talks by world renowned 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

Information confirmed as of 12/06/17