PHOTOGRAPHY, MOBILE, AND IMMERSIVE IMAGING (PMII) 2018

CONFERENCE KEYNOTES
- Extreme imaging using cell phones, Marc Levoy, Google Inc. (US)
- Real-time capture of people and environments for immersive computing, Shahram Izadi, PerceptiveiO, Inc. (US)
- Computational zoom: A framework for post-capture image composition, Orazio Gallo, NVIDIA Research (US)
- Advances in automotive image sensors, Boyd Fowler, OmniVision Technologies (US), and Johannes Solhusvik, OmniVision Technologies Europe Design Center (Norway)

CONFERENCE SESSIONS
- Mobile HDR Imaging
- Imaging Systems and Algorithms
- Immersive Imaging (with Engineering Reality of Virtual Reality and Stereoscopic Displays and Applications Confs.)
- Simulation for Autonomous Vehicles and Machines (with Autonomous Vehicles and Machines Conf.)
- Imaging Sensors and Technologies for Automotive Intelligence (with Autonomous Vehicles and Machines and Image Sensors and Imaging Systems Conf.)
- Camera Image Processing (with Image Proc.: Algorithms & Sys. Conf.)
- Imaging System Performance (with Image Quality and System Performance Conf.)
- Interactive (Poster) Papers

SPECIAL EVENTS
Panel: Immersive Imaging

RELATED SHORT COURSES
- 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
- EI06: 3D Video Processing Techniques for Immersive Environments Yo-Sung Ha, Gwangju Institute of Science and Technology (Republic of Korea); Sunday 28 January 8:00 am – 12:15 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
- EI04: 3D Point Cloud Processing; Gady Agam, Illinois Institute of Technology (US); 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
- EI16 Joint Design of Optics and Image Processing for Imaging Systems David Stork, Rambus (US), Tuesday 30 January 8:30 am – 12:45 pm
- EI15 Digital Imaging and Astro Photography, Daniele Marini, Università degli Studi di Milano (Italy), Monday 29 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 Fierzli, Intel Corp. (US) Sunday 28 January 1:30 – 3:30 pm

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