

Where Industry and Academia Meet

Join us

COLOR IMAGING XXIII: DISPLAYING, PROCESSING, HARDCOPY, AND APPLICATIONS

CONFERENCE KEYNOTES

- **Computer vision and deep learning applied to simulations and imaging of galaxies and the evolving universe**, Joel Primack, University of California, Santa Cruz (US)

SPECIAL EVENTS

- Imaging and Astronomy Discussion
- Discussion Sessions

CONFERENCE SESSIONS

- Surface Appearance Modeling and Reproduction (with Material Appearance Conf.)
- Color & Displays
- Imaging and Astronomy (some with Image Quality & System Performance Conf.)
- Color Modeling Applications
- Color Appearance
- Multispectral Analysis
- Color Gamuts and More
- Half-toning, Watermarking, Barcodes

RELATED SHORT COURSES

- **EI08: Introduction to Digital Color Imaging**
Gaurav Sharma, Univ. of Rochester (US)
Sunday 28 January 1:30 – 5:45 pm
- **EI15: Digital Imaging and Astro Photography**
Daniele Marini, Università degli Studi di Milano (Italy)
Monday 29 January 8:30 am – 12:45 pm
- **EI19: Color and Calibration in Mobile Imaging Devices**
Uwe Artmann, Image Engineering (Germany), and Kevin Matherson, Microsoft Corp. (US)
Sunday January 28, 8:00 – 10:00 am
- **EI22: Fundamentals of Spectral Measurements for Color Science**
David Wyble, Avian Rochester, LLC (US)
Sunday 28 January 10:15 am – 12:15 pm
- **EI24: Camera Image Quality Benchmarking**
Henrik Eliasson, Eclipse Optics (Sweden)
Sunday 28 January 1:30 – 3:30 pm
- **EI26: Introduction to Image Quality Testing: Targets, Software, and Standards**
Peter Burns, Burns Digital Imaging, and Don Williams, Image Science Associates (US)
Sunday 28 January 3:45 – 5:45 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

