IS&T International Symposium on
Electronic Imaging 2018
SCIENCE AND TECHNOLOGY

28 January – 2 February 2018
Hyatt San Francisco Airport, CA

Where Industry and Academia Meet

Join us

MEDIA WATERMARKING, SECURITY, AND FORENSICS 2018

Conference days: 29-31 January

Conference Chairs: **Adnan Alattar**, Digimarc Corporation (US), **Nasir Memon**, Tandon School of Engineering, New York University (US), and **Gaurav Sharma**, University of Rochester (US)

CONFERENCE KEYNOTES

- **Digital watermarking from inflated expectation to mainstream adoption**, Tony Rodriguez, Digimarc Corporation (US)
- **Content protection: Beyond conditional access and digital rights management**, Mehmet Celik, NexGuard Labs (Netherlands)
- **Scaling media forensics**, David Doermann, DARPA (US)

CONFERENCE SESSIONS

- Forensics and Steganalysis
- Watermarking and Steganalysis
- Deep Learning Forensics
- Steganography and Steganalysis
- Biometrics and Encryption

CONFERENCE SPECIAL EVENT

- Panel: **Deep Learning, Shallow Understanding?**
  Panelists: **Matt Cragun**, Nvidia Corp.; **Edward Delp**, Purdue University; **Jessica Fridrich**, SUNY Binghamton; and **Jonathon Shlens**, Google Inc.;
  Panel Moderator: **Nasir Memon**, New York University

RELATED SHORT COURSES

- **EI02 Advanced Image Enhancement and Deblurring**
  Majid Rabbani, Consultant (US)
  Sunday 28 January 8:00 am – 12:15 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

- **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

IS&T
imaging.org