

Electronic Imaging 2018 Symposium Plenary Speakers Announced

Leading researchers from Google, UC Berkeley, and Intel present the latest advancements in machine learning, 3D modeling, and augmented reality. The plenary talks anchor the Symposium, held in Silicon Valley, January 28–February 2, 2018, featuring electronic imaging research at the forefront of many of today’s cutting-edge technologies, from virtual reality and autonomous vehicles to biotechnology and intelligent robots.

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[The Society for Imaging Science and Technology \(IS&T\)](#) is pleased to announce the plenary speaker lineup for the [Electronic Imaging 2018 Symposium](#)—the world’s leading global electronic imaging industry and academia conference.

“The EI 2018 plenary speakers represent three important growth areas for electronic imaging: Machine Learning, 3D Imaging and Augmented Reality,” explains Symposium Co-chair Joyce Farrell, Stanford University.

The speakers are:

- **Greg Corrado**, co-founder of **Google Brain** and Principal Scientist at **Google**, provides an overview of modern **machine learning** and deep neural networks, paying particular attention to its impact on imaging and the field of computer vision;
- **Avideh Zahkor**, Qualcomm Chair & Professor at **U.C. Berkeley** and serial entrepreneur with startups in outdoor mapping, indoor mapping, and micro-lithography, discusses fast, automated **3D modeling** of buildings and other GPS denied environments; and
- **Ronald T. Azuma**, **Intel Labs** researcher and **Augmented Reality** pioneer, shares a vision for achieving ubiquitous AR, which requires not just solving numerous technical challenges but also determining new, compelling AR experiences that will establish AR as a new platform and novel form of media.

The plenary talks anchor and help shape daily Symposium themes featuring keynote talks, research presentations, and short courses organized around related topics. The Symposium, held January 28–February 2, 2018, in Burlingame, CA, includes 19 individual conferences that cover imaging topics ranging from augmented and virtual reality displays and processing to human vision, color, perception, and cognition. Hot topics for EI 2018 include imaging for automotive and other robotic vehicles, astrophotography, and the student showcase.

The conference program is augmented by technical courses taught by experts from academia and industry. Technology demonstrations and the Electronic Imaging 2018 Demonstration Session, held Tuesday, January 30, showcases the largest and most diverse collection of stereoscopic and electronic imaging research and products in one location.

About Electronic Imaging: For nearly 30 years, the [Electronic Imaging Symposium](#) has been serving those in the broad community—from academia and industry—who work on imaging science and digital technologies. The scope of the Symposium includes the entire imaging science ecosystem, from capture (sensors, cameras) through image processing (image quality, color, and appearance) to how humans and machines see and interpret traditional and multi-dimensional images and videos. For more information, follow [@ElectroImaging](#) on Twitter.

About IS&T: The [Society for Imaging Science and Technology \(IS&T\)](#) is an international professional non-profit dedicated to keeping members and other imaging professionals apprised of the latest developments in the field through conferences, educational programs, publications, and its website. IS&T programs encompass all aspects of the imaging workflow, which moves from capture (sensors, cameras) through image processing (image quality, color, and materialization) to hard and soft copy output (still, motion, print, displays, image permanence), and include aspects related to human vision and machine vision, such as object recognition, image quality, and color. The Society also focuses on a wide range of image-related applications, including security, virtual reality, mobile imaging, and data analysis. Follow IS&T on Twitter: [@ImagingOrg](#)
