It is our pleasure to announce the IS&T Conference on Human Vision and Electronic Imaging (HVEI 2016)

a conference at the intersection of human vision, cognition, art, and imaging science

Where:  Hilton, San Francisco Union Square, San Francisco California  
When:  February 14-18, 2016  
Call for Papers: [http://www.imaging.org/IST/conferences/ei2016/C-HVEI.cfm](http://www.imaging.org/IST/conferences/ei2016/C-HVEI.cfm)  
To apply:  4-6-page abstracts due August 15, 2015 (called "Proceedings Draft") (Please contact the chairs if you would like to be considered for a short additional extension)  

Sponsorship:  HVEI is sponsored by [IS&T, the International Imaging Society](http://www.imaging.org/), and is part of the IS&T Symposium on Electronic Imaging  

Peer review:  Submissions will be peer reviewed.  
Open Access:  Manuscripts will be available as Open Access publications, which are broadly indexed and cited, making it easy for colleagues to download full versions of the paper online, without fees.  

HVEI is a four-day conference that includes refereed papers and posters, special invited sessions on emerging themes, interactive discussions at the end of each day, short courses, a museum trip, and many social events including a Monday night banquet.  

This year’s special sessions include:

- **Individual Differences in Perception** (Chair: Michael Webster, University of Nevada)  
- **Multi-Sensory Interactions** (Chairs, Mark McCourt, North Dakota State University and Lora Likova, Smith Kettlewell Institute)  
- **Psychophysiological Measures of Visual Quality** (Kjell Brunnstrom, Acreo, Sweden and Ulrich Engelke, CSIRO, Australia)  
- **Art and Perception** (Monica Lopez-Gonzales, La Petite Noiseuse and Elena Federovskaya, Rochester Institute of Technology)  
- **Perceptual Coding for Data Visualization** (Ulrich Engelke, CSIRO)  
- **Retinex at 50** (John McCann, McCann Imaging and Ale Rizzi, University of Milan)

Check out the HVEI website: [hvei.eecs.northwestern.edu](http://hvei.eecs.northwestern.edu)  
Join the HVEI group on LinkedIn:  [https://www.linkedin.com/grp/home?gid=4226050](https://www.linkedin.com/grp/home?gid=4226050)
More about HVEI

The conference on Human Vision and Electronic Imaging explores the role of human perception and cognition in the design, analysis, and use of electronic media systems. Over the years, it has brought together researchers, technologists and artists, from all over the world, for a rich and lively exchange of ideas. We believe that understanding the human observer is fundamental to the advancement of electronic media systems, and that advances in these systems and applications drive new research into the perception and cognition of the human observer. Every year, we introduce new topics through our Special Sessions, centered on areas driving innovation at the intersection of perception and emerging media technologies.

HVEI topics include:

- **Fundamental and applied research in human perception and cognition**, including psychophysical, neurophysiological, and computational approaches to human spatial, temporal, color, and stereo perception
- **Visual, auditory, haptic, olfactory and taste perception**, and cross-sensory interactions
- **Perceptually-based algorithms, metrics and methods** for image and video quality and compression; image and video analysis and understanding; texture, lighting, and material appearance; and rendering
- **Visual cognition**, including visual attention and saliency, visual search, pattern recognition, perceptual organization and semantics
- **Higher-level issues in image quality**, include quality of experience, aesthetics, emotion, and context
- **Perceptual and cognitive opportunities for emerging technologies**, including social networks, big data visualization, data analytics, medical imaging, mobile computing, and digital humanities
- **Perception, art, and aesthetics**, including fine arts and design, integrating artistic and scientific insights on perceptual phenomena

Hope to see you in San Francisco in February

[Bernice Rogowitz](#) (Visual Perspectives), [Thrasos Pappas](#) (Northwestern University), and [Huib de Ridder](#) (T.U. Delft), your conference chairs, and the HVEI program committee