



PRELIMINARY PROGRAM
Annual Technical Conference & Business Meeting
Of the U.S. National Committee of the
International Commission on Illumination (CIE)
12 – 13 October 2018

FRIDAY, 12 OCTOBER 2018

Fort William Henry Hotel and Conference Center, Lake George, NY

08:00-09:00	Continental Breakfast and Conference registration	
09:00	Welcome Address by CIE-USNC President - Jim Leland	
09:05	Orientation & Logistics by Conference Coordinator - Angelo Arcocchi, CIE-USNC Secretary	
09:10	Brief Introduction by CIE-USNC Technical Council Chairman - David Sliney	
Session I:		
09:15	Calibrations of Spectroradiometers for Pico-meter Wavelength Uncertainty Yuqin Zong	NIST
09:45	Estimating Uncertainty due to Stray Light in Spectroradiometric LED Measurements Jim Leland	Copia LLC
10:15	Vision Experiment on CIE 2015 Cone-Fundamental-based 10° Color Matching Functions for Lighting Applications Yoshi Ohno & Semin Oh	NIST Ulsan National Institute of Science and Technology
10:45	Coffee break	
11:00	CIE Technical Committee 1-93: Calculation of Self-luminous Neutral Scale Rob Carter	U.S. Navy (retired)
12:00	Buffet Lunch: Fort William Henry Hotel	
Session II:		
13:00	Quantifying Perceived Chroma Changes of Illuminated Objects due to the Hunt Effect Yuki Kawashima & Yoshi Ohno	NIST
13:30	From the Plant Upwards: Two-way Communication - A Revolution in Horticultural Lighting Tessa Pocock	Rensselaer Polytechnic Institute
14:30	CIE JTC9 – CIE System for Metrology of Optical Radiation for IpRGC-Influenced Responses to Light David Sliney	Consulting Medical Physicist
15:00	Coffee break	
15:30	Integrating Quality of Light Metrics into Product Performance Requirements Ute Besenecker	DesignLights Consortium (DLC)
16:00	Radiation and the Eyes: UV, Blue, and Beyond Karl Citek Alan Lewis David Sliney	Pacific University College of Optometry Consultant in Physiological Optics Consulting Medical Physicist



WEDNESDAY, 4 OCTOBER 2018

Business Meetings – Registered Participants & Observers Welcome

- 08:00-08:30 **Continental Breakfast**
- 08:30 **Division Reports**
- 08:30 Division 1: *Vision and Colour*
 Ellen Carter, Ph.D
- 08:50 Division 2: *Physical Measurement of Light and Radiation*
 Yuqin Zong, Ph.D
- 09:10 Division 3: *Interior Environment and Lighting Design*
 James Leland (for Terry McGowan & Naomi Miller)
- 09:30 Coffee break**
- 09:50 Division 4: *Transportation and Exterior Applications*
 James Leland (for Ronald Gibbons)
- 10:10 Division 6: *Photobiology and Photochemistry*
 David Sliney (for George C. Brainard)
- 10:30 Division 8: *Image Technology*
 Po-Chieh Hung
- 11:00 **Annual Business meeting – CIE-USNC**
- 12:00 End of Conference**
- 13:00 – 14:00 **Executive Committee Meeting – CIE-USNC**

Conference Coordinators

Dr. David Sliney

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