



Program

Monday, May 6th

6:00 PM **Welcome reception at the Holiday Inn, Pool Terrace**
till 9:00 **2 Montgomery Village Avenue, Gaithersburg, MD 20879**

Tuesday, May 7th

8:00 **REGISTRATION OPEN**
Holiday Inn, Gaithersburg, MD

9:00 **Welcome**

Short Introduction by Organizing Committee
Kathleen Murray and Yoshi Ohno

Session I **Display Technology, Metrology**

(Session Chair: John Bullough, Lighting Research Center, Rensselaer Poly. Inst.)

9:15 **Measuring the Luminous Effectiveness of Images**
T. Nilsson, University of Prince Edward Island

Methods to Characterize the Reflection Properties of Handheld Display Devices for Medical Imaging Applications
A. Badano, U.S. Food and Drug Administration

Break (20 min)

Spectral sensitivity in night driving: Dependence on adaptation, location, task
M. Flanagan, The University of Michigan Transportation Research Inst.

Automotive Displays and New Equipment for Display Measurements
R. Donofrio, Display Device Consultants

FHWA Research Related to Roadway Signs and Displays
D. Yang, Federal Highway Administration

12:45 End

13:00 **Lunch** (provided)

Session II **Measuring Instruments for Light and Human factors**

(Session Chair: Kathleen Murray, Inphora Inc.)

14:30 **Advantages and Applications for the Use of Imaging Colorimeters**
J.Jensen, Radiant Zemax Co.

Outdoor Lighting and Mesopic Vision
J. Bullough, Lighting Research Center, Rensselaer Polytech. Inst.

Break (20 min)

Design of Mesopic Photometers based on CIE 191

Tatsukiyo Uchida, Panasonic/NIST

Examples of Applying Mesopic Factors in Roadway Calculations

Keith & Wentworth, Mindspring

Measurement and Application of BUG Ratings

G. Lister, Ceravision

17:45 End

Wednesday, May 8th

Session III New SSL Measurement Standards, Metrology and Technology

(Session Chair: Cameron Miller, NIST)

9:00 **Uncertainty Evaluation for Color Measurements for Solid State Lighting Sources**

Y. Ohno, NIST

Overview of new SSL Standards under Development through the IES/TPC

Cameron Miller, NIST

LED Chromaticity Aging

Ralph Tuttle, Cree

Break (20 min)

Practical Optical Measurements of OLED Panels for Lighting Applications

T. Kawabata, Konica Minolta

Photometric Measurements of OLEDs at PTB

T. Gerloff, PTB

12:45 End

13:00 Lunch (provided)

Session IV New Light Sources, General Metrology

(Session Chair: G. Lister, Ceravision)

14:00 **Spectral Measurements of Plasma Lamps**

G. Lister, Ceravision

Putting Measurements on an Absolute Scale: An Example with X-ray Induced Fluorescence

John Curry, NIST

Break (20 min)

Detector Based Calibration of a Spectroradiometer using Pulse OPO Laser Systems

Yuin Zong, NIST

NIST Traceable Photocurrent Measurements

G. Eppeldauer, NIST

17:30 End

18:00 Reception at Holiday Inn, Gaithersburg, MD

19:00 **Franc Grum Memorial Dinner and Lecture**
Headlamp Glare through the ages: how to measure it; what to do about it?
Michael Perel, formerly with the National Highway Traffic Safety Administration

Thursday, May 9th

Session V

9:00 CORM Business Meeting, chaired by Ron Daubach
Open to all CORM Members and Conference Attendees

9:45 NIST Tour (**Pre-registration by April 30th is required.** [Registration information here](#))
The Tour will meet in Room B341, Bldg. 220 on the NIST campus. You will have to go through the Main Gate visitor center to receive a badge allowing access to the NIST campus. Travel instructions and a map of the NIST campus will be presented during the conference.

13:00 Lunch (Provided)

14:00 CORM Board of Directors' Meeting (B341, Bldg. 220)

16:00 End