

# ISCC 2004 Annual Meeting Program

May 10-12

(See [www.iscc.org](http://www.iscc.org) for CORM program.)

Dr. Maria Nadal, NIST

Dr. Mary McKnight

Program Co-Chairs

## Monday Morning, May 10

- 7:30 a.m.      **Registration and Continental Breakfast**
- 8:30 a.m.      **Welcome -- Dr. Al Parr, NIST**
- 8:40 a.m.      **Interest Group II: Industrial Applications of Color**  
**Mr. Gary Regulski, DuPont, Chair**
- 8:45 a.m.      *"The Complete Elements of an Effective Color Management Program," Mr. Chris Manges, GE ColorXpress*
- 9:25 a.m.      *"Tangled Up in Blue," Mr. Michael J. Bradbury, Color Solutions International*
- 10:05 a.m.     *"Color-View Sample Rotator," Mr. Uwe Lethaus, Senior Applications Manager, BYK-Gardner USA*
- 10:45-11:15    **Break, Employee's Lounge**
- 11:15 a.m.     *"The Use of Transformed Reflection Functions in Artificial Neural Network Match Prediction Systems," Mr. Farhad Ameri, Department of Polymer and Color Engineering, Amir Kabir University of Technology, Iran*
- 11:55 a.m.     *"Uncertainty Propagation in Colorimetry," Dr. Edward Early and Dr. Maria Nadal, NIST*
- 12:30-1:30 p.m.      Lunch – on your own at NIST or off campus

## Monday Afternoon, May 10

- Interest Group I:**  
**Basic and Applied Research, "The Role of Standards in Color"**
- 1:30 p.m.      **Mr. Milt Hardt, Color Communications, Inc., Chair and Mr. Milt Misogianes, Ciba Specialty Chemicals, Vice Chair**
- 1:40 p.m.      *"Development of the NRC Reference Gonio-spectrophotometer," Dr. Joanne Zwinkels, National Research Council of Canada*
- 2:15 p.m.      *"Standards for Assessing the Quality of Daylight Simulators in the UV Range: Critical Comparison," Dr. Robert Hirschler, SENAI/CETIQT, Colour Institut of Brazil*
- 2:50 p.m.      *"How to Derive an Isoluminous Color Difference for Anyone's Delta E Formula," Dr. Michael Brill, DataColor*
- 3:25 – 3:50 p.m. -      **Break, Employee's Lounge**
- 3:50 p.m.      *"Recent Developments of the NIST Reference Colorimeter," Dr. Maria E. Nadal, and Dr. Edward A. Early, NIST*
- 4:20 p.m.      *"Methodologies for Relating Scratch Damage to it's Appearance Properties of Polymeric Materials," Dr. Li-Piin Sung, NIST*

4:55 p.m.      *Color Matching with Amplitude not Left Out,*” **Dr. James Worthey**

**Evening - Awards Banquet, Willow Tree Inn, 19550 Montgomery Village Avenue, Montgomery Village, MD 301-948-8832 (See map in meeting handouts.)**

6:30              Cash Bar

7:00 p.m.        Dinner

**Tuesday Morning, May 11**

8:30 a.m.        **Registration and Continental Breakfast**

**Interest Group III:**

**Art, Design and Psychology**

9:10 a.m.        *“Translating Color Standards from Designer to Colorist and Back to Designer,”* **Georgia Kalivas**, FIT, Chair and **Marcia R. Cohen**, The Atlanta College of Art, Vice-Chair

9:15 a.m.        *“Setting the Standard Color or Getting the Color that you Originally Wanted,”* **John A. Darsey, Jr.**, Color Solutions Intl.

10:00-10:30    **Break, Employee’s Lounge**

10:30 a.m.        *“Do You Speak Color? The Efficiencies of Speaking a Universal Color Language in Today’s Global Marketplace,”* **Brooks G. Tippett**, Director of Textile Operations and Development, Pantone, Inc.

11:15 a.m.        *“Understanding, Using and Communicating Standards,”* a Panel Discussion, with members:

**John A. Darsey, Jr.**, Color Solutions International

**Brooks Tippett**, Pantone, Inc.,

**Ralph Stanziola**, Industrial Color Technology and

**Georgia Kalivas**, Fashion Institute of Technology

12:30.–1:30 p.m.        Lunch – on your own at NIST or off campus

**Tuesday Afternoon, May 11**

1:30 – 4:00 p.m.    **Poster Session, Karen Braun, Xerox, Chair**  
Common Area outside Green Auditorium, NIST  
(setup from 8:30 a.m. till 1:00 p.m.)

**Poster 1**    *“Adjusting Skin Tones toward a Preferred Hue,”* **Karen M. Braun**, Xerox Corporation, Webster, NY

**Poster 2**    *“An Evaluation of Daylight Simulators,”* **Anthony Calabria** and **Danny Rich**, Color Research Lab, Sun Chemical Corp., Carlstadt, NJ

**Poster 3**    *“Gonio-color Matching: First Results,”* **Henri Debar**, IsoColor Inc., Carlstadt, NJ

**Poster 4**    *“Solid-State Source for Matching Standard Colorimetric Illuminants,”* **I. Fryc<sup>1</sup>**, **Steven Brown**, **George Eppeldauer**, and **Yoshi Ohno**, <sup>1</sup> Bialystok University of Technology, <sup>2</sup>NIST

**Poster 5** “COMIC III AF©,” **Jack Ladson**, Color Science Consultancy

**Poster 6** “A Study on Color Sensitivity Digital Contents,”  
**Eunbae Moon**<sup>1</sup>, **Jiwon Han**<sup>2</sup>, **Gaeun Cha**<sup>2</sup>, <sup>1</sup>Open Cyber  
University, <sup>2</sup>Moon Color Research Institute, South Korea

**Poster 7** “Indulge,” **Erika Nielsen**, FIT

**Poster 8** “Design of a Versatile Reference Instrument for Measuring  
Gloss According to ASTM D523 and ASTM D1223  
Specifications,” **Mario Noël**, **Jian Liu** and **Joanne Zwinkels**,  
National Research Council of Canada

**Poster 9** “Assessment of the Inter-Instrument Agreement of Color  
Measurements: Carlstadt and Charlotte,” **Danny Rich** and  
**Kent Zessin**, Sun Chemical Corp.

**Poster 10** “A Revised Color Rule as a Color Vision Testing Device,”  
**Pramod Shanbhag**, Clemson University

**3:00 – 5:00 p.m** **NIST Laboratory Tours:** Self-guided tours of NIST  
laboratories. Laboratories include:

**1) Spectrophotometry – Edward Early and Maria  
Nadal**

- a) **Colorimetry: 221/B361-B365**
- b) **Glossmeter: 221/B357**
- c) **Gonio-reflectometer: 220/A318**
- d) **Transmittance spectrometer: 220/A324**

**2) Photometry – Cameron Miller and Yuqin Zong**

- a) **Display Colorimetry: 220/A314**
- b) **LED Colorimetry: 220/A314**
- c) **Total Flux: 220/B317**
- d) **Photometric bench: 220/B311**

**3) BFRL Light Scattering Material Characterization  
Laboratory: 226/A308 – LiPiin Sung**

**6:30 p.m.** **Tuesday Evening: ISCC/CORM Reception, Hilton Hotel**

**Wednesday morning, May 12**

**PC meetings are being held in Room A358, Bldg 222, NIST**

**9:00 a.m.** **PC Committee 52** on Comparative List of Color Terms, E. Carter,  
Chair

**10:45 a.m.** **PC Committee 54** on Colors of Maximum Contrast, H. Fairman  
and R. Stanziola, Chairs