



2022-2023 Section Meetings

10/20/2022

Past Presidents Night with Understanding TM-30 and Applying TM-30 to Achieve Color Quality Goals in the Application Space (AIA Registered)

Topic

- As LED technology continues to advance, the possibility to provide improved color quality performance and value to the application space has never been greater. This presentation will review the most popular color quality and performance quantification method (CRI) along with an in-depth review of the current metrics incorporated in the latest version of IES TM-30 (IES TM-30-20). Examples illustrating the numeric and graphical methods for describing color quality performance will be reviewed, along with examples of how the resulting data could be incorporated in the lighting design and application space. HSW Justification
- Within the lighting design space, the topic of “Lighting for Health and Wellbeing” has never been more popular. As practitioners and specifiers continue to incorporate methods that address the objectives of healthier illuminated environments, the need for accurate and predictive color quality performance data has never been greater. The data derived from TM-30 methods will allow individuals, within the lighting design profession to, more accurately, meet the lighting design criteria.

Learning Objectives

- At the end of the course:
 - Participants will understand the basics of the most popular color quality metric (CRI) and its many shortcomings.
 - Participants will understand the many advantages the TM-30 method provides, with respect to more complete color data composition.
 - Participants will understand the various TM-30 reporting metrics and report formats.
- Participants will appreciate the advantages TM-30 provide when striving to create lighting designs that meet the critical color quality objectives, including those associated with healthier and safer architectural environments.

Presenter

Eric Haugaard

- Eric Haugaard currently holds a position in National Business Development with Copper Lighting Solutions. Prior to joining Cooper, Eric was the Director of Development Engineering and Program Management with Cree Lighting, along with a previous role as Director of Product Technology. His career of 35 years includes a variety of positions primarily focused on advanced lighting systems development. Eric holds a Bachelor of Science degree in Mechanical Engineering, with Post-Baccalaureate Program studies completed at NASA/Ames Research Center. He holds 48 US and 16 foreign patents related to lighting technology.

11/17/2022

DLC Update

Learning Objectives/Description:

- Please join us in November for an overview of recent updates to the DLC technical requirements for SSL, networked lighting controls and horticulture lighting. She will also provide insight into what DLC is working on as the emphasis of the energy policy is shifting toward meeting goals for decarbonization, electrification and grid flexibility.

Presenter

Liesel Whitney-Schulte, LC from DesignLights Consortium

- Liesel is the Program Director for the DesignLights Consortium, where her responsibilities include oversight of communications, membership, stakeholder engagement and program design to advance the adoption of efficient, quality lighting products in the market. She previously managed the operation of the Solid-State Lighting Qualified Product List (SSL QPL) and supported technical development for the SSL and Networked Lighting Controls programs. Liesel has over 25 years of experience working with energy efficiency programs and collaborating with the lighting design community to create programs that fit the utility's goals and simultaneously promote quality lighting design. She is a board member for the NCQLP, and is a past president of the IES Milwaukee Section.

12/15/2022

Lighting Controls

Learning Objectives/Description:

- Characterizing the issues we're seeing in the field with advanced lighting systems and how to start solving some of them.
- How to select the right advanced lighting system.

Presenter

Ruth Taylor

- Ruth Taylor currently serves as a program manager on the Advanced Lighting Team at Pacific Northwest National Laboratory where she contributes to several projects focused on the application and development of solid-state lighting. She began her career at PNNL in 1984 and has managed a number of projects for the Department of Energy including the outreach and deployment activities for the Building Energy Codes Program, the Commercial Lighting Solutions web tool development and implementation activities, as well as the management of the Commercially Available LED Product Evaluation and Reporting (CALiPER) program.
- Currently, Ms. Taylor manages the Next Generation Lighting Systems (NGLS) Program. NGLS uses "Living Labs" to conduct observational research in real-world settings—indoors at Parsons School of Design in New York City and outdoors at the Virginia Tech Transportation Institute in Blacksburg, Virginia. NGLS is gathering valuable information on how systems are installed and configured, how well they perform, and how users operate them with the goal of identifying approaches that work,

revealing needed improvements, and publishing findings for the benefit of the lighting and energy efficiency communities.

1/19/2023

Description:

IES Milwaukee Annual After Holiday Party

2/16/2023

Round Table Discussion on the Design, Intent and Installation of a Lighting and Controls Project

Learning Objectives/Description:

- We will have a sit down with 2 of our favorite Lighting Designers, contractors and facility people to discuss the design process, installation and what happens after they take occupancy.

3/9/2023

Description:

Contractors Focus on Energy Updates

- Navigating Focus on Energy. A 2023 Overview including Lighting Power Density for New Construction and Comprehensive Lighting Solutions for existing buildings and more.

Dave Nyquist, Focus on Energy

- Dave is a Certified Energy Manager and has been with Focus on Energy for 11 years and in the Energy Efficiency field for 16 years. Dave will provide an update on the 2023 rebates program for Electrical Rebates, review the new rebate program, how to qualify for rebates, how to apply and the custom incentive program.

4/20/2023

Description:

IA Awards

5/18/2023

Description:

Bring History to Life Tour

- Tour the Milwaukee Symphony Orchestra's new home at the Bradley Symphony Center.
- The project, Bringing History to Light, won a section award in the 2022 IES Illumination Awards.

Presenters

Rick Snow - Bradley Symphony Center

Bob Jeffers - GRAEF