



The Baltimore Section of The Illuminating Engineering Society announces an exciting opportunity for all professions concerned with indoor and outdoor lighting and lighting controls! This event is for architects, engineers, landscape architects, interior designers, facility managers, distributors, contractors, lighting agencies, designers, government agencies, owners, developers, college and university representatives, utility representatives, law enforcement, port authority, professional organizations, and anyone with interest in enhancing the visual environment.

When: September 22, 2022 (8am-4pm)
(Advance registration ends 5pm, September 20th)
<https://iesbaltimore2022.eventbrite.com>

8am – Registration and exhibitor booths open

Where: BWI Airport Marriott
1743 West Nursery Road
Linthicum, MD 21090

Free on-site parking available!

Cost: \$10 for all attendees with advance registration. (\$20 at the door)

What: Product showcase and educational seminars with continuing education credits (AIA / CEU / LEU / PDH)

Why: Get hands-on with the latest lighting products in the market and stay current with design practice and lighting technology with training seminars from top professionals in the industry.

- 5 one-hour seminars presenting valuable information about lighting design and lighting technology. Several presentations are offered twice to maximize scheduling flexibility.
- Manufacturer's product showcase & representatives on hand for questions and conversation.
- **FREE** continental breakfast and lunch.

Join us for an hour or stay all day!



Conference Schedule

[Exhibit Hall]	08:00am – 04:00pm	
[Seminar Slot 1]	09:00am – 10:00am	Acoustics and Lighting: What is Fact or Fiction? Illuminating our Experience with Human Centric Lighting
[Seminar Slot 2]	10:30am – 11:30am	State of the Art Developing an Effective Lighting Controls Sequence of Operation
[Lunch Break]	11:30am – 01:00pm	
[Seminar Slot 3]	01:00pm – 02:00pm	State of the Art Acoustics and Lighting: What is Fact or Fiction?
[Seminar Slot 4]	02:30pm – 03:30pm	IECC Code Update Developing an Effective Lighting Controls Sequence of Operation

Acoustics and Lighting: What is Fact or Fiction? 1.0 AIA/CEU

Presented By: Mike Simla (Lumenwerx)

Objectives: An overview of how the behavior of sound in architectural spaces can affect us as human beings, and a look into the principles of sound absorption and strategies used to mitigate excessive noise. Examine the relevance of the NRC (Noise Reduction Coefficient) rating. Question some of the ways acoustic luminaires are being tested and address the challenges of comparing luminaires in the absence of regulatory requirements.

Illuminating our Experience with Human Centric Lighting 1.0 AIA/LU/HSW

Presented By: Mike Steiner (Lutron)

Objectives: Human centric lighting is an oft-discussed design term; yet, there is confusion about what it is and how to use new (and existing) technologies to achieve it. This course helps professionals understand 1) how to define human centric lighting, 2) what benefits it can provide to people, buildings, and businesses, and 3) how to practically apply it when designing projects. It also addresses the intersection between electric light and natural daylight, and how achieving a human centric design requires an integrated approach to those two disciplines.

IECC Code Update 1.0 AIA/CEU

Presented By: Eugene C. Foley, Jr. (Wattstopper)

Objectives: This course covers the commercial building lighting control sections (C405.1-C405.2) of the 2018 IECC, as well as the applicable sections for Additional Efficiency (C406), Functional Testing (C408) and Lighting Alterations IECC (C503). It introduces the importance of energy efficiency standards and presents the IECC scope for both new construction and building alterations. Using application emphasis, it steps through the major interior lighting control provisions including automatic lighting shut off, partial automatic on, light-reduction, daylight-responsive and controls required for special application lighting. It highlights the control provisions for exterior lighting including exterior decorative and setback lighting. Each provision is presented with the core requirements, applicability to specific building space types and requirement key exceptions.



State of the Art

1.0 AIA/LU

Presented By: Scott Rosenfeld (Smithsonian Institution)

Objectives: Demonstrate the value of the designer who has a deep understanding of the content and a mastery of each quality of light: intensity, distribution, movement, spectrum, and angle of incidence. The presentation is richly illustrated with examples of Smithsonian exhibitions showing how artwork is illuminated so they may be better seen, understood, and experienced. Special attention will be given to advances in LEDs, advanced lighting controls and the utility and limits of lighting metrics like CRI, TM30, and illuminance. Scott has worked at the Smithsonian American Art Museum and The Renwick Gallery in Washington D.C. since 1997. He is chair of the Illuminating Engineering Societies (IES) Museum and Art Gallery Committee where he leads an international committee to write standards including RP:30-2020, The American National Standard for lighting museums.

Developing an Effective Lighting Controls Sequence of Operation (AB2202)

1.0 AIA/LU

Presented By: Mike Clemens (Acuity Brands)

Objectives: Lighting controls can have a significant impact on energy savings and the owner's bottom-line in the modern building environment. This course will provide insight into how codes, design trends and system integration influence the design and implementation of effective lighting controls strategies based upon a desired sequence of operation.

Registration Instructions

Please visit <https://iesbaltimore2022.eventbrite.com> to register. When registering for the conference, you must sign up for each seminar independently **IN ADDITION TO reserving a General Attendee Registration ticket.**

- There will be a limit of one ticket per seminar per attendee and tickets are not transferable. Your name must appear on the ticket.
- **Please be courteous to your colleagues and only sign up for seminars you can attend. Classes have limited seating.**
- Feel free to sign up for multiple sessions.
- Onsite registration for seminars will be \$20 if available.
- Please leave time available before, after, or between educational sessions to visit our exhibitors!

Exhibitors

ALLIANCE LIGHTING
AMBIANCE LIGHTING
ACUITY BRANDS
BARBICAN LIGHTING
BARN LIGHT ELECTRIC
CAMMAN LIGHTING
COMMERCIAL LIGHTING SALES
COOPER LIGHTING

CURRENT LIGHTING
DEPORTER, DOMINICK, & ASSOC.
ECOSENSE LIGHTING
ISOLITE
KREON
LIGHTART
LIGHTING ENVIRONMENTS
LUMENWERX

LUTRON
MOBERN LIGHTING
NOVA FLEX
NULITE
SELUX LIGHTING
SPJ LIGHTING

AND MORE!



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