

LIGHTFAIR® INTERNATIONAL



The future. Illuminated.

2010

SEMINARS

90 MINUTES
WEDNESDAY, MAY 12 – FRIDAY, MAY 14, 2010

SEMINAR TRACKS FOR 2010

You can select courses in your area of interest for a focused study, or mix and match courses from different tracks for a big-picture view. Either way, our new TRACK system makes it easier to find the topics important to you.

D LIGHTING DESIGN TRACK

The “Lighting Design Track” comprises a wide range of practical, theoretical and cutting-edge subjects. The topics will showcase the different lighting design theories and approaches: design trends, practical application of lighting and use of light sources and equipment.

P PROFESSIONAL DEVELOPMENT TRACK

This track focuses on business development strategies as well as professional skills. Topics could include subjects related to the intricacies of running a business and issues impacting the profession. The target audience for these topics can include anyone who is involved in the day-to-day operation of a business, as well as individuals interested in increasing or balancing their development as professionals in their fields.

I INSPIRATION TRACK

First, the designer must be inspired. This track will explore the inexhaustible and sometimes surprising sources for the “big idea” in lighting design. Nature’s organic forms and dappled light, the unique quality of light of different regions and latitudes, the work of light artists, photographers and even poets have been the genesis of great lighting designs. What has been the inspiration behind your work? Hear how this inspiration has been translated into projects.

T TECHNOLOGIES TRACK Sponsored by NXP Semiconductor

These seminars focus on the latest advances in equipment technologies (source, ballast, luminaire, controls) that optimize system performance. Presentations include hardware examples and demonstrate applications that address current lighting design trends, sustainability, source efficacy, luminaire design and efficiency, and energy management.

S SUSTAINABILITY TRACK

This track addresses how the lighting community is currently contributing to the efforts in the construction industry toward more environmentally responsible projects. Speakers will discuss cutting-edge ideas in design, new developments in the industry, the use and integration of alternative lighting systems, and improvements in manufacturing processes, techniques, and materials to not only meet the new energy code requirements, but also address some of the broader issues of environmental stewardship.

HB HUMAN BENEFITS OF GOOD LIGHTING TRACK

This track will explore the latest research into lighting’s impact on productivity, as well as physiological and psychological health and well-being. Presentation will depict the application of this research to actual lighting installations. Topics touching such diverse subject matter as Seasonal Affective Disorder (SAD), the aging eye, employee health and satisfaction in the work environment, and light therapy techniques are addressed.

BI BUILDING INTEGRATION TRACK – NEW!

This track encompasses integrated building design processes, as well as component technologies that work together as a system to improve building performance. Many owners today are demanding high-performance buildings which address issues such as sustainability, quality of working / living environment, maintenance, life cycle cost and other interrelated considerations. A holistic design process that considers the building as an integrated system is important to achieving these goals. Integrated Project Delivery which provides for an earlier and closer interface of all design consultants and the building contractor, combined with the digital interoperability and the visualization power of Building Information Modeling, is becoming more commonplace for complex projects.

TRACK OVERVIEW

D LIGHTING DESIGN

I INSPIRATION

S SUSTAINABILITY

BI BUILDING INTEGRATION

P PROFESSIONAL DEVELOPMENT

T TECHNOLOGIES 
Sponsored by NXP Semiconductor

HB HUMAN BENEFITS OF GOOD LIGHTING

WEDNESDAY, MAY 12, 2010

Track	8:30am – 10:00am	10:30am – 12:00pm	2:00pm – 3:30pm	4:30pm – 6:00pm	Track
D			L10S02: LEDs hit Landscape Lighting		D
P					P
I					I
T			L10S01: Wireless Lighting Controls for Commercial Buildings	L10S05: Smoke, Mirrors and LEDs	T
S			L10S03: Lighting for a Zero Net Energy Future	L10S06: Daylighting Retail Spaces	S
HB			L10S04: Lighting and Cognitive Response	L10S08: Designing Visually Accessible Spaces	HB
BI				L10S07: Case Study for Lighting the NetZero Facility	BI

THURSDAY, MAY 13, 2010

Track	8:30am – 10:00am	10:30am – 12:00pm	2:00pm – 3:30pm	4:30pm – 6:00pm	Track
D	L10S10: Sweat the Details: Slots, Coves, and Backlighting	L10S14: Survey of the Lighting Parts of the LEED® Criteria	L10S18: Better, Brighter, Smarter on a Strict LPD Diet	L10S22: 10 Days With a Light Meter: A Light Level Journal	D
P	L10S11*: Mentoring Young Designers				P
I	L10S12: Illuminations: New Ways of Lighting			L10S24: Influence of Daylight and Sunlight in Nature and Buildings	I
T	L10S09: How to Make More Informed LED Outdoor Luminaire Purchase Decisions	L10S13: LEDs: A Magical Mystery Tour	L10S17: Fundamentals of Lamp & Ballast Technologies L10S20: OLED Lighting: Today & Tomorrow	L10S21: What's New in Lamps & Ballasts	T
S				L10S23: Transforming New York City Streetscapes	S
HB		L10S16: Lighting and Human Health			HB
BI		L10S15: Integrating Window Treatments with Electric Lighting Strategies	L10S19: Integrated Façade & Lighting Solutions for a Net Zero Energy Solution		BI
DESIGN SYMPOSIA	L10DS1: Changing the Orientation by 180° at 6500k	L10DS2: Integrating the Concerns of SEEING Light with FEELING Light.	L10DS3: Create Iconic Places: Lighting is a BIG player!	L10DS4: Sustainable Design & Architecture in Mexico	DESIGN SYMPOSIA

FRIDAY, MAY 14, 2010

Track	8:30am – 10:00am	10:30am – 12:00pm	2:00pm – 3:30pm	4:30pm – 6:00pm	Track
D	L10S26: Residential Lighting: Nighttime Imagery for the Great Indoors				D
P		L10S29*: Dale Carnegie Meets the Web			P
I	L10S28: Exquisite Darkness				I
T	L10S25: Edison Was Right: DC Optimized Lighting Grids Can Save Power				T
S	L10S27: Taking Best Practices to the Mainstream	L10S30: Retrofitting & Relighting: Energy Conservation			S
HB		L10S32: Lighting Influences on Organizational Outcomes			HB
BI		L10S31: Task Ambient Office Lighting			BI

* Not accredited by the IES & AIA (S11 and S29)