# LIGHTFAIR® INTERNATIONAL

# SEMINARS 90 MINUTES

**WEDNESDAY, MAY 12 – FRIDAY, MAY 14, 2010**

LIGHTFAIR® INTERNATIONAL

The future. Illuminated.

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 NXP *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<br>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: Lighting: The Most Important Aspect of Interior Design | 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 | L10S30: Mixing LEDs and Conventional Color Media | | | 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 | | | | 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)*