

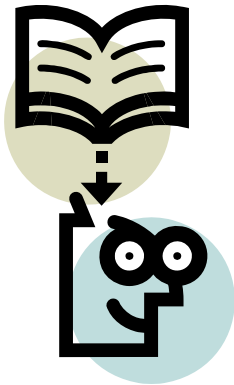
Austin Section IES Newsletter



Section Officers & Board of Managers
President: David Rigsby-512-443-6888
Vice-President: Kyle Hemmi-512-372-8778
ext.105
Secretary: Cheryl White-512-382-3474
Treasurer: Gayle Partridge-512-753-1000
Membership Chair: Julia Brack-512-346-1386
Managers: Deborah Frankhouser- 512-632-6446
Jennifer Jaques-512-353-3890

8/24/09 Issue: 1-09

Certificates will be available at the meeting for attendees needing learning units for self-reporting organizations!



Kick-off meeting: The Who, Why, and partnerships of IES

Speaker: Deborah Frankhouser & Jennifer Jaques

When: September 23, 2009

Where: Joe's Crabshack, Riverside Dr.

Time: 11:30- 1:00

Cost: \$23/non-members, \$18/members

Pay online at www.tcsiesna.org (save \$ and time paying online!)

From the Section President:

On behalf of the Board of Managers of the IES Austin Section, welcome to the 2009-2010 season! I am very excited about the slate of events we have planned for this year, and I hope that you will come to check them out, and that you will find them informative, entertaining, and helpful.

As always as we look back at the previous year, I would like to thank our officers and the entire Board of Managers for our section for all the work everyone did (including quite a bit behind the scenes) over the past year to make things happen. Herb Deazvedo has stepped down from the board, but we are happy to have Kyle Hemmi stepping up to serve as our section's Vice-President this year. Thanks to all of you. If you would like to be an officer or chairperson next year, please let one of us know.

This year promises to have lots of good topics for our discussion—things like daylighting, government regulation, lamping, and LEDs. Plus, this year we intend to end our year with a more informal session and have a bit more fun. You can find out everything that is going on with our section, as always, by checking the section's website, www.tcsiesna.org, or the national website, www.ies.org. As a reminder, prepaying through the website is the easiest way to get a discount for each and every meeting.

Another way to get a discount for each meeting is to become an IES member. (Of course, we are very appreciative of those of you are already members...thanks!) If you are interested in IES membership, you can flag down any officer or Board of Managers member for any questions you have. If you want more information about the IES, or if you've been receiving these newsletters but don't really know who we are, I highly recommend that you check out our first meeting on September 23. I believe this meeting will be very helpful, so please RSVP early via the website, and we'll be sure to look for you at the meeting.

We welcome any and all feedback; please drop me a line at president@tcsiesna.org and let me know how the Austin Section can be more effective in promoting good lighting design.

Thanks again to all of you, and here's hoping 2009-2010 is a great year!

David Rigsby

Using Daylight as a Light Source

October 21st IES Webcast

Lisa Heschong, Architect
Principal, Heschong Mahone Group, Inc.
Fair Oaks, California



Lisa Heschong is a principal of Heschong Mahone Group and a licensed architect who has divided her professional practice between energy research, writing and building design. As a researcher, she led the project teams which analyzed the impacts of daylighting on human performance for the Daylighting and Productivity Studies funded through PG&E and CEC. As a writer, she worked with Lawrence Berkeley Laboratories to synthesize their research into *Residential Windows: A Guide to New Technologies and Energy Performance* (WW Norton). As a lighting expert, she has developed the successful web-based training program for the Federal Energy Management Program (FEMP) and conducted workshops across the country for DOE. As an architect, Ms. Heschong has managed projects to design high-rise office buildings, K-12 schools, and residences.

This webcast will provide you with state-of-the-art information on:

- Strategies to integrate daylight with electric lighting for offices, schools, retail, and other workplace environments
- Current capabilities of tools to predict daylight illumination levels within a space, to help you understand how daylight illumination will vary by time of day, season and location
- Daylight's contribution to visual quality, human health and well-being, and our national energy efficiency goals

Hosted By: Austin IES Section

Cost: \$25.00/person, lunch provided pay at www.tcsiesna.org

Location: Conference room @ FSG Energy

Address: 610 West Powell Lane, Austin, Tx. 78753

Time: 12:00-2:00 (please arrive a few minutes early to get your seat)

Seating: **Limited to 30 people**, online payment **MUST** be received by October 5th.

Participants are eligible for: IES CEUs/ AIA LUs: 1.5 & Certificate of Attendance



SAVE THE DATES:

Austin IES meetings & other important dates.

- September 13-16- IES Street and Area Lighting Conference in Philadelphia, PA
- October 15-16-Houston EXPO (see registration info at end of newsletter)
- October 21st- IES Webcast (RSVP required!)
- November 15-17- IES Annual Conference in Seattle
- November 18- Stimulus facts
- December 16- Regulatory update
- January 20-Love your lamps!
- Late January- District 4 DEC meeting in Houston
- February 17-LED's and DOE Labeling Requirements
- March 10th- Outdoor environmental lighting, RP-33-99
- April 21st-
- March 19th- Lightfair wrap-up and bowling social (probably an evening event)
- June 16th-Austin IES board meeting

INTENSIVE LIGHTING DESIGN EDUCATION



ARCHILLUME
LIGHTING DESIGN, INC.
WWW.ARCHILLUME.COM
514.346.1986

EXTERIOR LIGHTING DESIGN FOR ARCHITECTS + DESIGNERS

ARCHILLUME in collaboration with AIA, Austin is pleased to present this unique learning opportunity.

PROGRAM SUMMARY
This program presents a comprehensive look at exterior lighting from a professional lighting designer's perspective. The program is fast paced and lighthearted in style, creating a comfortable learning environment for anyone interested in exterior lighting design. The program targets design professionals, but will equally benefit anyone with an interest in lighting.

Throughout the program, attendees will learn lighting guidelines and rules of thumb that will be immediately useful.

LEARNING OBJECTIVES
Attendees will be able to identify lighting design techniques for light sources in exterior settings, and the lighting hardware/materials, such as fixtures and equipment that meet the demands of users; list the design considerations related to accessibility, vision and the aging eye; apply design approaches related to sustainable lighting solutions for exteriors; and create a design process that uses budget control.

Seminar sponsored by R KI/Texas. Go to www.rkitexas.com

REGISTER ONLINE AT WWW.AIAAUSTIN.ORG

- DATE / TIME: SEPTEMBER 21, 2009 from 8am to noon.
- LOCATION: AUSTIN CENTER FOR ARCHITECTURE
301 W. 12th Street / Austin, TX 78701 / 412-462-4882
Go to www.aiaaustin.org for more information and a map.
- TUITION: \$149.00 (\$199 after 09/07/2009).
- Program includes 4 HSW credits, including 1 hour on 8D. Other LEUs may be available for those who self-report, depending on the reporting body.



Illuminating
ENGINEERING SOCIETY

Houston Section
District 4
South Region



IESNA, Houston Section, District 4

PRESENTS

A DAY OF CONTINUING EDUCATION FOR BUILDING PROFESSIONALS

Featuring:

Jim Benya, P.E., FIES, FIALD, LC

“Lighting and Daylighting Design with Efficiency”

Thursday, October 15, 2009

8:00 – 6:00

Hilton Post Oak

2100 Post Oak Boulevard, Houston, TX 77056

EXHIBIT HALL OF ENERGY SAVINGS

Featuring over thirty of the Industry Leading Manufacturers

Program by:

Mr. Nick Bleeker, Mr. Mark Boshart, Mr. Mark Lien,
Mr. Drew Thompson, and Ms. Kim Torres, Mr. Rob McCulley and Mr. Terry Arbouw

“Lighting and Daylighting Design with Efficiency”

Join us for a training session with Jim Benya. This full day of training will examine the latest technologies and strategies to achieve superior lighting design that essential for energy efficient and high performance buildings.

Lighting design is a mix of art and science – the art of enhancing beautiful spaces with complementary lighting and the science of circuits and control systems for optimal efficiency. Discover practical tools to integrate high efficiency design techniques and Daylighting strategies into your lighting design. Learn the art of efficient lighting design and the science of lamps, ballasts, luminaries and controls.

This training will provide the tools, concepts, approaches, and guidelines for achieving efficient and attractive designs that you will put to immediate use. Attendees should have a basic knowledge of lighting design including experience in architecture, engineering, manufacturing, technical or design sales, or contractors

AS A RESULT OF THIS TRAINING YOU WILL BE ABLE TO:

- Evaluate lighting designs in existing buildings for quality, power and energy efficiency.
- Explain Daylighting strategies to meet LEED standards
- Identify lighting strategies for net zero energy buildings
- Describe the latest technologies to ensure energy efficient design
- Identify Daylighting principles for future projects

BENEFITS OF ATTENDING:

- Learn the latest lighting information from an international lighting expert.
- Discover how to produce better projects by correctly designing and implementing sophisticated lighting for commercial, retail and institutional spaces.
- Review award-winning design examples.
- Find out how low you can go – use the lowest amount of light for the job.

Understand why Daylighting is key for healthy buildings, healthy people and a healthy planet.

AGENDA

- 8:00 am – Registration & Coffee and Bagels
- 8:30 am – 4:30 pm – Program
(Lunch, and Refreshments Provided)
- 4:30 - 6:00 Complimentary Happy Hour

Course Agenda

- Lighting Technology Survey
- Controls
- Regulatory Considerations
- Lighting and Daylighting Design Technology
- Integrated Design
- The Design Touch

CONTINUING EDUCATION UNITS

The training is eligible for 6 continuing education units. AIA members who attend this training will receive 6 HSW/SD learning units.

COST

The registration fee for IESNA MEMMBERS attending this training is **\$165**, for NON MEMBERS the fee is **\$175.00**, which includes continental breakfast, lunch, refreshments and program materials.



ABOUT THE PRESENTER

Jim Benya, P.E., FIES, FIALD, LC

Benya Lighting Design

Jim Benya is a professional lighting designer with over 36 years of experience, winning over 200 lighting design awards including the 2008 Edison Award of Excellence and the 2008 Edison Award of Excellence for Environmental Design. As an instructor, he is one of the world’s best teachers of lighting design and applications. He started teaching lighting in 1974 and has become recognized worldwide as a practical environmentalist and passionate designer. He is a professor of environmental design at the University of California at Davis, and AIA professional development education provider, a certified ASID/IIDA interior design continuing education provider, and one of the top public speakers in the field. A former adjunct profession of architecture and design at California College of Art, the University of California at Berkeley, the University of Michigan, and Lawrence Institute of Technology, Jim has taught over 400 CEU programs, 300 college classes, and given over 200 speeches about lighting at LIGHTFAIR, NeoCon, Designers Saturday, and other gatherings of the trade.

PROGRAM

90 MINUTE COURSES, 1 CEU / AIA Learning Unit Each

Nick Bleeker

Day-Brite ,Capri Omega
Manager, Business Development

“Sustainable Lighting Strategies that Improve Building Efficiency”

8:30 - 10:00

Health Safety and Welfare (HSW) Credit and Sustainable Design requirements will be answered by: How to positively impact building Efficiency and operating cost by leveraging lighting Techniques and Technologies. Reviewing Regulatory impacts of the North American Market. Overview the driving forces behind current energy Initiatives:ASHRAE/IESNA Standard 90.01:Energy Policy Act of 2005: LEED Green Building Rating System ™. And Example of optimized Product / Systems that achieve objectives while meeting energy regulations.

Drew Thompson

Acuity Brands Lighting
Specifications Sales Manager South Central Region

“LED Technologies”

10:30 – 12:00

At the end of this session participants will be able to describe LED sources and systems. Answer most questions on Led sources. Recognize key features necessary for quality specifications. Demonstrate the benefits of LED sources when specifying. An overview of History, Technology covering the basic types of LED's, Lumens and Color. The Thermal Impacts and the Economics as well as Value Proposition of Thermal Management, Optical Control and Electronic Drives.

Kim Torres

IO Lighting Division Cooper Lighting
Specification Regional Sales Manager

“LED's and the Luminaries that House Them”

1:00 – 2:30

This comprehensive program begins with the invention of the LED's in 1963,then clearly defines the evolution of this light source technology. Moving far beyond applications such as electronic consumer devices, automotive applications and traffic signaling, white LED's now produce more light output than incandescent light sources. Consequently, efficacy, unparalleled longevity and miniature nature of this light source enables a new frontier in lighting design for Fixture Manufactures and Designers

Mark Lien

LC, CLEP, CLMC,HBDD,LEEDAP
High -Performance Building Design Professional
Hubbell Lighting

“Illuminating the Future of Lighting”

3:00 –4:30

Lighting design was very different ten years ago. What will it look like in 2018? Quantum dots, wireless electricity and Solar Paint seem futuristic but are functioning in laboratories already. Solid State Lighting is focused on LED's today. In Addition to addressing current LED performance we will plot the trajectory of improvements in efficiency in color and thermal management. Organic electronics, light emitting capacitors and advancements to more common lighting technologies supply hope for reduced energy consumption, less maintenance and environmentally sound solutions

Mark Boshart

First Electric, Inc
“LED Lighting for General Illumination”

8:30 – 10:00

This course will look actual case studies as well as the technical data about LED's for Designers to gain understanding of how to incorporate Led's into current designs to improve lighting conditions. The Designer will also learn how LED's can contribute to LEED™ points when specifying this system. Objective will cove background and Technology of Led's , What to look for in an LED Fixture, LED's and Drives, Thermal Management and Life, Optical Design, Housings, Delivered Lumens, Environmental, Cost, Performance and Examples

Rob McCulley

Renaissance Lighting
“Total cost of Ownership analysis—Evaluating solid State Lighting”

10:30 – 1200

This session identifies the leading cost factors in lighting systems and the financial Qualifiers used to rationalize the investment. Identify conditions that require special consideration and identify where values gained may offset return on investment shortfall.

Terry Arbouw

Hubbell Building Automation
Director of Business development
1:00-2:30

This comprehensive program begins with the invention of the LED's in 1963, then clearly defines the evolution of this light source technology. Moving far beyond Applications such as electronic consumer devices, automotive applications and traffic signaling, white LED's now produce more light output per watt than incandescent light sources. Consequently, efficacy, unparalleled longevity and the miniature nature of this light source enables a new frontier in lightning design for Fixture

CONTINUING EDUCATION UNITS AIA Units

The training is eligible for 1 continuing education unit. AIA Learning Units.

COST

The registration fee for IESNA MEMBERS attending Each 90 min. course is **\$30.00**, or attend any four (4) 90 min courses for **\$95.00**. The fee for NON MEMBERS is **\$40.00** per 90 min. course or any four(4) 90 min. courses for **\$125.00**

REGISTRATION INFORMATION

PLEASE REGISTER ME FOR:

The following Seminars
1 CEU/ AIA credit per session
Thursday , October 15, 2009

Fees,
\$30.00 each course for IESNA Members,
\$40.00 for Non Members
or attend any four (4) for \$95.00 for
IESNA members and \$125.00 for
Non Members

Nick Bleeker
“Sustainable Lighting
Strategies that Improve Build-
ing Efficiency”
8:30 - 10:00

**Mark
Boshart**
“LED Lighting for
General Illumination”
8:30 - 10:00

Drew Thompson
“LED Technologies”
10:30 – 12:00

Rob McCulley
LED Recessed
Lighting”
10:30 – 12:00

Kim Torres
“LED’s and the Luminar-
ies that House Them”
1:00-2:30

Terry Arbouw
“Energy Saving Light-
ing Controls ”
1:00 -2:30

Mark Lien
“Illuminating the Future
of Lighting”
3:00 - 4:30

QUESTIONS?

For more information, please contact Kent
Beardsley at 713.869.9559 or Email
kbeardsley@boslightingdesign.com

PLEASE REGISTER ME FOR:

Lighting and Daylighting Design with Efficiency,
Jim Benya presenting Faculty
6 CEUs / AIA credits
Thursday, October 15, 2009 8:30 –4:30
IESNA Members \$165.00
Non Members \$175.00
Continental Breakfast, Lunch and Snacks
Complementary Happy Hour included
Seating is Limited, Early registration is Advised

ONE FORM PER ATTENDEE

First Name _____

Last Name _____

Title _____

Organization _____

Mailing Address _____

City _____ State _____ Zip _____

Phone _____

Email _____

Fax _____

If you have dietary / accessibility needs, please
specify:

Registration DEADLINE:

Thursday, October 1, 2009

All registrations must be made in advance.

METHOD OF REGISTRATION (payment by
credit card, PayPal, or check must accompany regis-
tration)

PAYMENT INFORMATION

Check enclosed (Please make check payable to
IES Houston Section)

Visa

MasterCard

American Express

Credit Card # _____

Exp date _____ / _____

Name on card _____

Signature _____

PayPal (Online)

[Pay Pal Link](#)

CANCELLATIONS AND REFUNDS

All cancellations are subject to a \$25 administrative
fee. We will refund 50% of the registration fee for
cancellations received within two weeks of the
training. Cancellations made within three business
days of the training are non-refundable. If this pro-
gram is not held for any reason, IESNA’s liability is
limited to the refund of the program fee.



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IESNA, Houston Section, District 4,

Gratefully acknowledges the support of our sponsors for their monetary contributions:



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