

Lumen Press

Cleveland Section - Serving Akron & KSU Student Chapters

Illuminating Engineering Society of North America

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APRIL 27TH PROGRAM IESNA VIRTUAL WEBCAST SUSTAMABLE LIGHTING



Volume: LXXXV No. 7

Sustainable Design is changing the way we approach and design the built environment. The popular success of the LEED green building rating system affects all aspects of design, engineering, and construction.

This collaborative process is changing the traditional roles and relationship of the lighting designer, electrical engineer, and manufacturer. It raises new issues of daylighting, energy efficiency, integrated lighting controls, and the environmental impacts of lighting products.

Where: Holiday Inn Rockside

When: Wednesday, April 27th

5:30pm - 6:00pm Social 6:00pm - 7:00pm Dinner 7:00pm - 8:30pm Program

Cost: \$35

This program is sponsored by Lighting Concepts, Inc.

This program will be a dialog to discuss elements of sustainable lighting system design and engineering including:

- Integrated daylighting and electric lighting design
- Energy codes and efficiency targets
- · Light pollution and trespass issues
- Environmental assessment of lighting products
- Lighting for LEED

ABOUT THE SPEAKERS

Nick Ferzacca, PE

Mr. Ferzacca is the Electrical Department Manager for Symmes Maini & McKee Associates in Cambridge, MA. A LEED accredited professional, he is also the founding chair of the IESNA Sustainability Committee.

Mark Loeffler, IALD

Mr. Loeffler is the Lighting & Sustainable Design director for The RETEC Group in New Haven, CT. Also LEED accredited, he is the founding co-chair of the IALD Sustainability Committee and the IALD co-chair of the Lighting Industry Research Council.

AIA LEARNING UNITS (LUs)

This web cast is approved for 1.5 HSW credits with the American Institute of Architects (AIA), through its Continuing Education Systems (CES)

BSVP

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SECTION NEWS

Thank You

Thank you to Jim Parsons for arranging the guest speaker, Eric Schuldt from Kirlin Lighting. The program was informative, and was also well attended.

E-mail or Paper?

The paper edition will be discontinued at the end of this program year (June 2005). If you would like to continue receiving the Lumen Press, please make sure I have your correct e-mail address. If you do not have e-mail, contact me by phone and I will send you a paper copy - some people have already responded. Thank you. Adam Kilbourne 440-953-8760

Regional Fly-In

The Cleveland Section has offered to provide a guest speaker for the June Eductational Fly-In. We are currently unsuccessful in finding a speaker. If anyone has an idea, please contact Brian David (bdavid@karpinskieng. com) or 216-391-3700. We need to fill one of two topics: Lighting for Education, or Lighting and Health.

CALENDAR OF EVENTS

September

1st—Board of Managers Meeting 11:30-1pm at TEC, Inc.

15th—History of Light presented by Viebke Morgensen—Riffle

October

11th—Board of Managers Meeting 11:30-1pm location TEC. Inc.

27th—Clambake—Doherty

Topic: ASHRAE 90.1 2004 Update

November

3rd—Board of Managers Meeting 11:30-1pm

location TEC, Inc.

3rd—IESNA Webcast—ASHRAE 90.1 —Lopez/David

—Lopcz/David

TBA—KSU—Presciano

December

1st—Board of Managers Meeting 11:30-1pm location TEC. Inc.

8th—Holiday Social at Pickwick and Frolic

6pm—Varley

January

5th—Board of Managers Meeting 11:30-1pm location TEC. Inc.

10th—IIDA Submissions (Section Level)

10th—99 year IESNA Celebration—Centennial

Committee—Nela Park—5:30-8:30pm

February

2nd—Board of Managers Meeting 11:30-1pm TEC, Inc.

16th—Lighting Software—Brown

March

2nd—Board of Managers Meeting 11:30-1pm TEC, Inc.

23rd—Healthcare Lighting—Lopez

April

6th—Board of Managers Meeting 11:30-1pm

TEC, Inc. 27th—IESNA Webcast—Sustainability —Lopez/David

May

4th—Board of Managers Meeting 11:30-1pm

TEC. Inc.

25th—Rib Burn-off—Cunningham

Topic: IIDA Awards—Parsons

June

10th— The 26th Annual Golf Outing and Scholarship Fundraiser Pine Ridge CC, Wickliffe, Ohio

UMON Pross



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Jason Brown
Frank Sgro
Guy Day
Mike Sell
Tom Sonneborn
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Modulight Innovative Electroscent Lighting System



Why ModuLight?

Lower Operating Costs:

Up to a 4% annual savings in operating (energy) cost over current electronic ballast technology.

Lower Installed Costs:

By mounting the Power Converter remotely from the fixture:

- Up to a 20-40% savings on installed costs.
- Conduit, wire, whip and associated components to the fixture are eliminated.
- Less materials are required, reducing materials expense and management / inventory costs.
- Trade conflict callbacks are virtually eliminated.
- ModuLight provides a six (6) year warranty on its power delivery system.



Safety:

- Eliminates line voltage at the fixture making it safer to:
 - Install-Relamp-Reconfigure-Replace

Local Installation:

This Product has been installed and is currently being installed at Notre Dame College's Library Building in South Euclid, Ohio



Flexibility:

With ModuLight, only the Power Converters are installed during the rough-in phase. This innovative approach allows for:

- · More time to design optimal lighting layouts.
- Ability to address last minute design changes without delay or penalty.
- Quick and easy fixture relocation for new tenants or space re-configuration.
- Could qualify for accelerated tax depreciation. (SECTION 179—CONSULT TAX ADVISOR OR ATTORNEY)

Ease of Use:

- Reduces wiring labor:
 - Cable assemblies in varied lengths
 - Field terminable components
- Reduced fixture weight.
- Lightweight, flexible form-holding cable simplifies installation.
- No special tools required.



Click here for the Modulight - Home Page

LIGHTING CONCEPTS, INC

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Jeff Thomas, Outside Sales



SECTION NEWS

Golf!

Believe it or not the snow and cold eventually will end. When this finally happens what else can we think about other than spring and another season of GOLF! What better way to get a jump on the golf season than to register for the IES Golf Outing this June at the beautiful Lake Metro Parks Pine Ridge Country Club in Wickliffe. If you do not already have it on your calendar, you should! Mark it Down! Friday, June 10th. After last year's rain, I cannot guarantee a sunny and warm day. However we had a good time last year in spite of the weather. The outing was the most successful ever! 22 foursomes participated raising over \$3000 for the IES Scholarship and Education Fund. Thank you to all who contributed to last year's event, I hope we can do as well this year.

I know times have continued to be tough for many of us in the industry. The economy and world events continue to test the resolve of many of our businesses. I hope that many of you who have participated in the past will be able to do so again this year. We look forward to having some new faces join us as well, and at least for the day put the rigors of our daily work aside, relax a bit and enjoy a great day of golf, contests and of course excellent food. We have three foursomes committed so far, so there are still plenty of choice times, and holes available for sponsor signs. Thank you to Dave Kincaid of Paramount Industries, and TEC Inc, for their early commitment of foursomes.

Centennial Committee

The Centennial
Committee is working
hard organize a fantastic display
at the Western Reserve Historical
Society. The display will open in April
2006.

The committee is in need of financial contributions to assemble the display. To donate, contact

Steve Kay - skay@holophane.com

440-248-8344 or

Bob Doherty, Jr. -bdoherty@wolffbros.com 330-773-0200 or 1-800-444-1446 x4122

I hope as you planned your financial budgets and time allocated to support organization events you have included the IES Cleveland Section Golf Event. A successful golf outing requires a lot of support from the members in the form of financial contribution and volunteers during the planning and throughout the day of the event. We have had great support from Karpinski Engineering, Lighting Sales, Inc. and TEC Inc at last year's outing. I am counting on them again for this year's event.

We are going to keep the cost similar to last year's event. If you can budget \$400 you not only are assured a great day of golf, fun and food for yourself and 3 friends or business associates, you will receive a sponsorship sign displayed prominently on a tee box. There will be other sponsorship opportunities as well—ranging from \$100 to the major prize sponsor at approximately \$500. Check the IESNA Cleveland Section website at www.iescleveland.com for a complete listing of sponsorship opportunities.

Please keep the IES Cleveland Section Golf Event in mind, and do what you can. Remember the scholarships and educational programs benefit local students and members.

Thank you, Terry Kilbourne Golf Event Chairman

IIDA Awards

Jim Fowler has announced that the Eton Collection, submitted by Ron Friedman of Art and Science Lighting Design and Bialosky+Partners Architects, was awarded an Award of Merit for the Waterbury Award (outdoor) and has moved on to International judging.

Congratulations to this design team. Good luck in the next judging event.

Section awards will be presented in May at the Rib Burn-off / IIDA Award.

Regards, Jim Parsons

2005 Golf Outing Sponsorhip Opportunities

Raffle Prizes

Grand Prize	\$500
1 st Prize	\$150
2 nd Prize	\$100
3 rd Prize	\$50



Food & Fun

Beer	\$200
Lunch at the Turn	\$350
Tee Packets	\$250
Sleeve of Golf Balls	\$300
Putting Contest	\$200
Money Shot / Long Drive	\$250

Advertising

Signs \$150 Corporate Sponsors \$250

Contact:

Terry Kilbourne 440-953-8760 or tmkilbourne@tecinc1.com