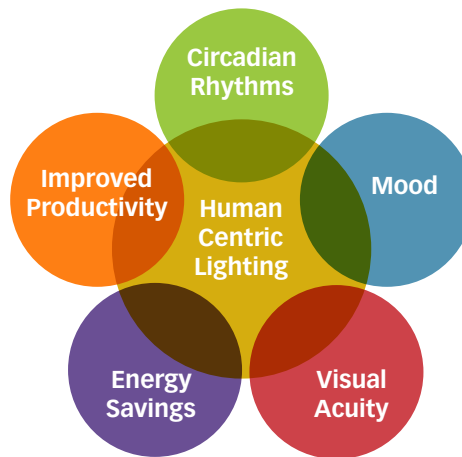




Monthly News

Human Centric Lighting

An introduction to Human Centric Lighting, to optimize design aesthetics, increase productivity, and improve the health and well-being of humans in an architectural environment.



Learning objectives: At the end of this presentation you will:

- Be able to describe the color and color temperature of light using accurate terminology.
- Understand the limitations of, and alternatives to, CRI in characterizing color rendering.
- Understand the growing body of research on the relationship of light, human circadian rhythms, and wellness/productivity.
- Learn how to harness emerging LED technology to create optimized Human Centric Lighting.

Speaker: Anita Majumdar is the Central Region Specification Sales Manager for Juno Lighting Group. She has been instrumental in developing several key lighting markets and various channels within JLG. She is a student of lighting and maintains accreditation from several groups including AIA to give educational presentations on lighting.

When: Wednesday, Mar. 12, 2014

Lunch: 11:30 a.m. – 12:00 p.m.

Program: 12:00 p.m. – 1:00 p.m.

Location: Hilton Garden Inn
1100 Carnegie Ave, Cleveland, OH 44115

Sponsor: Myriad Energy Solutions

Speaker: Anita Majumdar

Credit: 1 PDH, 1 AIA HSW

Cost: \$30.00

Please pay by check or cash at the event or pay by credit card using our [PayPal link on our website](#). Note: If you pay by credit card, you don't need to RSVP Mike.

RSVP

Contact Mike Confer
By Monday, Mar. 10
216-875-4018

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Lumen Press Newsletter



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Indy hyperbolic reflector ...
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Announcing... IES Member Spring Referral Program

Opens March 3, 2014

Closes June 5, 2014

RECEIVE A \$15 AMAZON GIFT CARD FOR EACH NEW ACTIVE MEMBER REFERRAL!

IES Active Members (individuals) of any grade, can make a referral. Student and Emerging Professional grade members are excluded as referrals. Referrals are limited to 10 new members who have paid their IES dues by June 31.

IES Section Member Referral Guidelines

The IES will donate one FREE Lighting Handbook in PDF Format to a Section whose membership numbers exceed 20% of the total active membership (excluding students, Emerging Professionals and Sustaining Members) as of February 28, 2014.



For complete guidelines and how to make a referral, log in to the Member Services page at www.ies.org, and click on "Make a Referral"



Lumen Press Newsletter

2014 IES Scholarship Golf Outing Sponsorship Opportunities

Calling all sponsors!

If you have been a sponsor in the past we hope you will be a sponsor again this year. New sponsors please join in! Here is a list of sponsorship opportunities:

- Grand prize: \$750
- Double Eagle Sponsor: \$500
- Birdie Sponsor: \$250
- Tin Cup Sponsor: \$100
- Signs: \$250
- Lunch: \$500
- Beverages: \$400
- Golf Balls: \$300
- Money Shot: \$250
- Long Drive: \$250
- Pin Shots: \$250 hole number 4
- Pin Shots: \$250 hole number 14

Calling all golfers!

We are looking forward to another fun outing, and are ready to take your reservations for foursomes. This year we will have a four-person scramble format. In order to have a shotgun start we need at least 25 teams (100 golfers)

- Price per foursome: \$440
- Price per individual: \$110 (we will match you with other individual golfers)

Calling all non-golfers!

If you don't play golf but would still like to take part in the fun Awards banquet only ticket \$40

Volunteer opportunities are also available!

- Check in table
- Money Shot hole
- Awards banquet set up and tear down

To become a sponsor, register your team, register for the awards banquet only, or to volunteer, contact Kristen Mallardi at 440-954-2587 or Kristen.mallardi@eyelighting.com.



Lumen Press Newsletter

President's Report

The IES will be hosting its Symposium on Light+Behavior (Light's Influence on Human Behavior) in Cleveland April 6 to April 8, 2014 at the Renaissance Hotel downtown. For more information [click here](#).

I have had the pleasure of being invited to serve on the planning committee for the Symposium and am looking forward to the event. I urge you to check it out and get signed up; you won't want to miss it!

Our section has the opportunity to be a part of the Symposium on Monday evening April 7. There will be a Light Walk in public square and we need tour guides! Guides will be leading groups of 20 people through the hour long walk and will be invited to join Symposium attendees for an after walk dessert and drinks reception at The Renaissance Hotel. Guides will assemble at 7:00 p.m. on Monday April 7 in the lobby of The Renaissance Hotel for a pre-walk review of the tour. Guides will be given a map to follow, group number sign and talking points for each stop. Don't be shy; we'll make sure you are prepared before you head out!

If you're interested in being a tour guide please let me know right away! Guide assignments will be filled on a first come first served basis. You can e-mail me at Kristen.mallardi@eyelighting.com or reach me by phone at 440-954-2587 to volunteer.

Golf Outing Update: I have already heard from a few of our regular sponsors and teams THANK YOU! Keep those sponsorship and team commitments coming!

The board of managers meets once a month during the program year, usually via phone. Our next meeting is March 21 at noon. If you'd like to join the call please contact Henry Barker hbarker@karpinskieng.com and he will give you the dial-in information. All board meetings are open so don't be afraid to join in. We welcome your input.

We have had a wonderful year of programming thus far and look forward to our final meetings. Our calendar is full for 2013 to 2014. If you would like to sponsor a program, suggest a speaker or subject for next year, please contact our Program Chair, Mike Evert at emjevert@aol.com or 440-725-3781. The board of managers will be holding a programming planning meeting in July of 2014. All section members are invited to be a part of this planning call. The day and time will be posted in a future edition of the Lumen Press.

Best regards,

Kristen Mallardi, LC

IES Cleveland Section President



Lumen Press Newsletter

Calendar of Events

2013

September 27 | Friday Lunch

Topic: The IES and Disruptive Technology in the Lighting Industry
Location: Hilton Garden Inn Cleveland Downtown
Sponsor: IES Cleveland Section

October 21 | Monday Evening

Topic: Clambake - Lamp and Ballast Update
Location: Albion Woods Reservation, Strongsville
Sponsor: Wolff Brothers

November 21 | Lunch

Topic: Thermal Management in LED Luminaires
Location: Hilton Garden Inn Downtown Cleveland
Sponsor: Jack Duffy & Associates

December 18 | Evening

Topic: Light Walk
Location: Cleveland Museum of Art
Sponsor: IES Cleveland Section

2014

January 21 | Lunch

Topic: Lighting Regulations and Trends Update
Location: Hilton Garden Inn
Sponsor: Osram Sylvania

February 20 | Lunch

Topic: LED Drivers: Understanding the Power!
Location: Hilton Garden Inn, Cleveland
Sponsor: TCP

March 12 | Lunch

Topic: Human Centric Lighting
Location: Hilton Garden Inn
Sponsor: Myriad Energy Solutions

April |

Topic:
Location: Hilton Garden Inn
Sponsor: Lighting & Controls

May |

Topic:
Location: Hilton Garden Inn
Sponsor: Next Watt

May 30 | Friday Event

Topic: IES Golf Outing
Location: Pine Ridge Golf Course - Willoughby, OH
Sponsors Needed!
Contact Kristen Mallardi Kristen.mallardi@eyelighting.com



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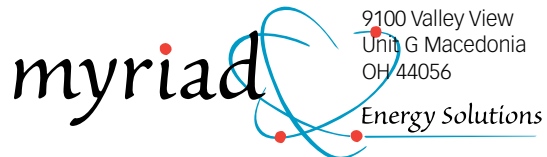
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