

UPCOMING EVENT

Zonal Cavity Method Problems with LED fixtures: A Proposed Solution for Lighting Layouts

When: Thursday, May 30, 12 p.m.–1 p.m.

Location: Hilton Garden Inn Downtown Cleveland

Sponsor: Current, by GE

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PRESIDENT'S REPORT | May 2019

Thank you all who attended our program on AC Direct LEDs last month and thank you Myriad Energy Solutions for sponsoring an informative program!

Our final monthly program is Thursday, May 30 at the Hilton Garden Inn Downtown. Current's (GE) Sri Rahm will present on zonal cavity calculation issues with LEDs and a workaround for quick LED layouts. Please join us for an informative presentation!

Our annual Golf Outing is right around the corner on Friday, June 7. This fun event will be held at Pine Ridge Country Club in Wickliffe and provides a scholarship for a deserving Kent State University student going into lighting design or engineering. We still have space for more foursomes! [View our flyer](#) and contact our golf outing ambassador [Kelley Moran](#) for more information.

And lastly, our Emerging Professional group is in final preparations for our first ever Luminaire Design Competition! LightenUp: 2019 ([View Flyer](#)) is a lighting design competition on Thursday, May 29, organized by the Illuminating Engineering Society (IES) and Cleveland Section Board of Managers to inspire and energize Emerging Professionals (EP) in their understanding of fixture development and application.

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This inaugural competition, in conjunction with 20 other sections around the country, looks to provide a collaborative environment between new and experienced engineers, architects and designers, fostering communication, and creativity. Not to mention the winner will get their fixture fabricated at Halper Lighting Studios and a generous cash prize. Contact [Josiah Schleicher](#) and/or [Bob Halper](#) for additional information.

Our next Board of Managers meeting will be held on Friday, May 31 at noon via conference call. These meetings are open to all of our members. If you would like to get involved, please let [Henry Barker](#) know and he will add you to the meeting invitation.

I look forward to seeing you at our May program!



Tony Clark, PE
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Upcoming Event

Zonal Cavity Method Problems with LED fixtures: A Proposed Solution for Lighting Layouts

Presented by: Sri Rahm, Senior Lighting Application Specialist – GE



The Zonal Cavity Method requires the calculation of a Room Cavity Ratio (RCR) followed by a lookup for Coefficient of Utilization (CU). This method was used for lighting layouts for fixtures using lamps but does not translate well when doing layouts with LED fixtures.

While rendering programs using IES files can provide detailed layouts, there is an alternate method, working from first principles, to do easy LED layouts on the back of a napkin. Sri Rahm will present this method and invite a discussion.

Our speaker, Sri Rahm, M.S. (Physics), M.B.A., LC is a Senior Lighting Application Specialist and instructor at GE's Lighting Institute at Nela Park, Cleveland, Ohio. He has worked in the Industry for over 35 years and served on several committees of the IES.

- **When:** Thursday, May 30, 2019
- **Registration & lunch buffet:** 11:30 a.m.
- **Program:** 12 p.m. – 1 p.m.
- **Sponsor:** Current, by GE
- **Location:** Hilton Garden Inn Downtown Cleveland
1100 Carnegie Ave, Cleveland, Ohio 44113
- **Cost:** \$30
- **RSVP by:** Wednesday, May 29

Pay by check or cash at the event, or by credit card using PayPal below.

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Zone cavity for LED's \$30.00 USD

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