

UPCOMING EVENT

## Fighting Flicker: The Impact of Flicker in Lighting

**When:** Wednesday, April 25, 12:00 p.m. – 1:00 p.m.

**Location:** Hilton Garden Inn

**Sponsor:** Graybar

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### PRESIDENT'S REPORT | April 2018

Thank you to all who attended our program at the ElectroExpo in March. Kevin Houser gave a fantastic presentation on TM-30 and Lighting Color metrics. Let me know if you would like a copy of his presentation. This month we have a special presentation on flicker from Laszlo Takacs at Energy Focus sponsored by Graybar. Click the Learn more/Sign up link above for more information.

Our Emerging Professional group is diligently working on their Luminaire Design Competition. Teams are being asked to design a family of restaurant/hospitality lighting fixtures and competing for the first prize of seeing their fixture fabricated at Halper Lighting Studios. Our panel of judges is comprised of local lighting experts and spearheaded by Pickwick and Frolic owner Nick Kostis who has invaluable experience. More information will be forthcoming on judging dates and fixture presentations, but in the meantime contact [Josiah Schleicher](#) and/or [Bob Halper](#) for more information.

The [IES Scholarship golf outing](#) is right around the corner on Friday, June 1 at Pine Ridge Country Club in Wickliffe. Proceeds will go towards our cash scholarship for a deserving high school student through CTSC, Cleveland Technical Society Council and their annual

[Achievement Banquet](#) on May 7. Other proceeds will go towards

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section activities for the 2018–2019 program year. Kristen Mallardi is once again taking reservations for teams and sponsors now. If you are interested in golfing or being a sponsor, please let [Kristen](#) know.

Our program year is wrapping up quickly; only two more events! GE will be sponsoring the May program and our golf outing will follow in June. Stay tuned for May's date and venue but in the meantime, if you would like to sponsor an event or suggest a speaker for next year please contact our Program Chair, [Sean Keenan](#).

And finally, our next Board of Managers meeting will be held on Friday, April 6 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 April program!



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## Upcoming Event

### Fighting Flicker: The Impact of Flicker in Lighting

*Presented by: Laszlo Takacs - Chief Technology Officer,  
Energy Focus Inc.*



The advancement of commercially available LED products is reopening discussions on how the performance of light sources should be evaluated. This includes questions about the necessity of characterizing light sources for flicker, the (potentially visible) temporal variation of emitted light. While conventional light sources operating on alternating current (AC) modulate light output, the variety and severity of modulation seen with LED products – from good to poor – has sparked new interest in quantifying and understanding its impact.

Our speaker, Laszlo Takacs, has designed a wide variety of optical and electro-optical control hardware and firmware in support of the lighting industry since 1996. In 2011 Laszlo designed the first microprocessor-controlled “Intelligent” lighting for Energy Focus’ advanced fluorescent replacement lamps which can analyze their control environment and act accordingly. Laszlo is also the architect of Soraa’s flicker-free MR16 electronics package, which is the most highly miniaturized and efficient flicker-free MR16 driver on the market. Laszlo currently serves Energy Focus as the company’s Chief Technology Officer.

- **When:** Wednesday, April 25, 2018
- **Program:** 12:00 p.m. – 1:00 p.m.
- **Sponsor:** Graybar
- **Location:** Hilton Garden Inn
- **Cost:** \$30
- **RSVP by:** Tuesday, April 24

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

## IES April 2018

Flikker \$30.00 USD

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**Mike Confer, Blue Streak:** *Treasurer*

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