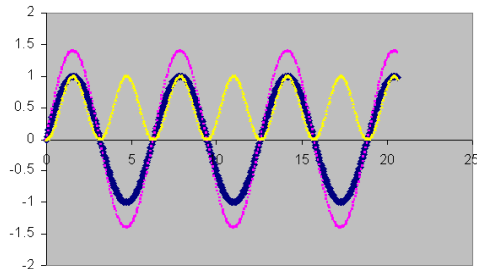


# Flicker Characteristics of Solid-State Lighting

Presented by: **Dr. John Bullough**



A study to assess the detection and acceptability of flicker and stroboscopic effects under different lighting conditions was conducted. The implications for solid-state lighting systems producing high-modulation flicker will be discussed.

## Learning Objectives:

- Discuss lighting flicker terminology
- Explore direct and indirect perception of light flicker
- Compare solid-state flicker characteristics to other light sources
- Discuss how daylighting reduces the effect of indirect flicker

## Presenter Bio:

John Bullough is a senior research scientist and adjunct assistant professor at Rensselaer's Lighting Research Center (LRC). He conducts research in transportation lighting and safety, mesopic and color vision, and visual performance, and teaches in the LRC's graduate programs in lighting. He is a Fellow of the Illuminating Engineering Society and is the incoming chair of the Visibility Committee of the Transportation Research Board. During his 20 years at the LRC, he has written or co-written about 200 articles and technical publications on lighting, more than 50 of them with students.

### **Fee Schedule:**

- **\$25 / IES Member**
- **\$35 / Non-Member**
- **\$5 / Student**

(Pay at the door by cash or check made out to 'Albany IES')

**Light Fare Included**

### **Course Credits:**

- **1 PDH (NYS Professional Development Hour)**
- **1 IES-CEU (Continuing Education Unit)**
- **1 AIA LU (Learning Unit)**

**Certificate of Completion will be e-mailed to all attendees**

**If you would like to attend this meeting,**

**Please e-mail: [dscheffer@novusengineering.com](mailto:dscheffer@novusengineering.com)**

**Tuesday, April 10th, 2012**

**7:00p—8:00p**

**Lighting Research Center, RPI**

Gurley Bldg—3rd Floor, 21 Union St., Troy NY 12180

**Please plan to arrive at 6:30p**



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