



IEEE-IAS INDUSTRY APPLICATIONS SOCIETY (BALTIMORE)



# MEETING

The Institute of Electrical and Electronic Engineers - Industry Applications Society are pleased to announce the upcoming Dinner Meeting. Information regarding the meeting is as follows:

**Date: Wednesday, January 17<sup>th</sup> 2018**

**Time:** 6:00 – 7:00 Social Hour / Open Bar  
7:00 – 8:00 Dinner  
8:00 – 9:00 Program  
9:00 – 9:30 Follow-up / Social

## Topic: Eaton’s Equipment Life Extension and Modernization

**Description:** “Eaton’s Equipment Life Extension and Modernization (ELEM) product line offers a host of solutions for aging power systems to extend their useful life. These range from reconditioning to equipment replacement and additions to existing systems that improve reliability and safety. Eaton’s low voltage and medium voltage replacement circuit breakers are built brand new from the ground up to improve system reliability and provide technology upgrades. Designed to be electrical and mechanical equivalents of the power and air-magnetic circuit breakers they replace, no parts are reused from the originals. In addition, our Class 1 Reconditioning process helps enhance coordination, improve system reliability, and increase the life of any circuit breaker. The process includes inspection and documentation of the breaker, disassembly to its component level, careful cleaning, reassembly using the manufacturer’s information, testing the breaker to the manufacturer’s and ANSI standards, and then tracking each breaker’s history in our POW-R-Master database. Finally, Eaton also provides our customers with an IEEE Certified alternate conversion solution for metal enclosed and metal-clad switchgear components for low voltage (LV) and medium voltage (MV) applications. These switchgear solutions are assembled in various combinations to satisfy specific application requirements. Newer technology and circuit breakers with increased capabilities can be interfaced into the existing enclosures and provide a less expensive alternative to the installation of new switchgear while providing improved uptime and reliability of the installation. These conversions utilize standard production circuit breakers so they are interchangeable with current Eaton low voltage (LV) and medium voltage (MV) power circuit breakers supplied in new switchgear as well as the components in motor starter conversions.”

**Speakers: Steve Novotny:** Education: Associates in Arts Degree in Electronics Engineering – Essex Community College  
Work Experience: MET Testing from 1988-1997 with experience acceptance testing and maintenance of all manufacturer’s equipment from 230KV to 480V. Specializing in protective relay testing and controls. After 1997 I left MET and had a brief period with Schneider (SQD) for a year as a Field Service Engineer. In April of 1998 I pursued a career with Cutler Hammer to help start up their Engineering Services division as a Field Engineer in the Washington Metro area and in 2015 I transitioned to a service sales role.

**Andrew Raposo** – University of Florida Bachelor’s in Electrical Engineering, George Washington University Master’s in Engineering Management. Intern at Eaton Corporation (Field Services), Field Service Engineer (2014-2017), Service Sales Engineer (2017-present).

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**Cost: \$45.00 (Members Paid-in-Advance) Reservation Deadline: 1/15/2018**  
**\$50.00 (Non-members Paid-in-Advance / Members Paid-at-Door)**  
**\$50.00 (Non-members Paid-at-Door)**

**Place: Olive Grove Restaurant, 705 N. Hammonds Ferry Road, Linthicum Heights, MD 21090**

**Credits: 1 PDH (Professional Development Hour)**

**TO REGISTER, VISIT OUR WEBSITE AT <http://www.iasbaltimore.org> Credit cards accepted**

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**Mail reservations to:** Leonard Bathgate, 9 First Avenue West, Glen Burnie, MD 21061  
Fax: 410-768-6859 phone: 443-790-5856 email: admin@iasbaltimore.org

**Make checks payable to: IEEE-IAS** *Reservation Deadline: 1/15/2018*

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