



IEEE-IAS INDUSTRY APPLICATIONS SOCIETY (BALTIMORE)

MEETING



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

Date: Thursday, May 17th. 2018

Place: Engineers Club

**11 W Mount Vernon Pl,
Baltimore, MD 21201 .
(410) 539-6914**

**Time: 1:00 – 3:00 Seminar Session #1
3:00 – 5:00 Seminar Session #2**

Place: The IEEE/IAS Baltimore May Meeting will be a special two-part event hosted by the Baltimore chapter IEEE/IAS in lieu of our traditional May tour. The afternoon session will consist of two technical seminars geared towards engineers. After the seminars are concluded, a dinner meeting will be held. Catered buffet and refreshments will be served. The meeting will serve as the primary fundraising event for the Baltimore IEEE/IAS. The Baltimore IEEE/IAS supports engineering scholarships to local college students and partially subsidizes monthly dinner meetings throughout the year. If you would be interested in attending the seminar or the meeting, refer to the following cost and sign-up information.

Seminars will be limited to the first 50 applicants (No Walkins)

Session #1: from 1:00-3:00 pm will be taught by Jay Deshpande's

Topic Includes: Alternator as a voltage generating source and its response to the leading power factor loads

1. Basic Principle behind an alternator operation
2. Alternator, Automatic Voltage Regulator and Exciter assembly
3. GenSet = Alternator + Engine
4. KW, KVAR, KVA power triangle & power factor
5. Alternator Capability Curve (theoretical)
6. GenSet Capability Curve
7. Effect of the leading power factor loads (Reverse KVAR)
8. Recommendations

Instructor Bio: Mr. Jayant Deshpande has over seventeen (17) years of cumulative experience in the power generation and the industrial electrical equipment industries. Before joining Kohler Power Systems as a Sales Manager- Engineered Solutions, Jay was working with Cummins Northeast, LLC., NY in their Power Generation division. During his twelve years of tenure with Cummins Northeast, LCC as a Sales Engineer, Jay has given numerous presentations to many engineering firms on various technical topics related with the power generation industry. He also directed and coordinated activities of the field technicians, project managers and other appropriate personnel to ensure that the project execution, installation and operational testing of the emergency power systems was performed in compliance with the contract technical specifications, equipment installation guidelines and safety standards. Jay has prior three years of experience with Siemens Ltd., India as a Senior Marketing Executive in their switchgear and electric motors division. His primary responsibilities with these employers were to provide technical product support to their channel partners and propagate product application technical concepts across the clientele. Jay has a Bachelor of Science degree in Electrical Engineering from the Bombay (Mumbai) University, India, and an MBA from Rochester Institute of Technology, Rochester, NY.

Session #2: from 3:00 – 5 pm will be taught by Jeff Pitzer

Topic Includes: PLC Applications for Power Distribution and Controls

Description: Programmable Logic Controllers (PLC's) are utilized throughout power distribution apparatus in order to provide automation, remote control, and timely status alerts. This tutorial is intended to give the designer, installer, or end user a better understanding of how PLC systems are applied in power systems, so that they can specify and implement functional, reliable systems with intuitive user controls and future flexibility. Topics addressed include: Hardware Components, Network Architecture, Redundancy Alternatives, Control Devices / Human-Machine Interfaces, and additional subjects as applicable.

Instructor Bio: Jeff Pitzer, Schneider Electric Power Solutions

Mr. Pitzer graduated from Penn State University with a Bachelor of Science degree in Electrical Engineering. Majority of his 26 years of experience has been focused on the power generation and heavy industrial critical power environments. In his present role, he has responsibility for leading the design and implementation of complex Electrical Power Management Systems and advanced SCADA applications for Power Monitoring and Controls systems in critical power facilities.

Register early no walkins:

Cost: Seminars and Dinner	\$140.00	Add to Cart
Cost: Seminars only no Dinner	\$110.00	Add to Cart
Cost: Meeting and Dinner	\$ 45.00	Add to Cart

Credits: 4 PDH (Professional Development Hours If All 2 Seminars are attended)

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

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: 5/15/2018*

NAME: _____ PHONE: _____

COMPANY NAME: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

E-MAIL ADDRESS: _____

Seminar: _____ Seminar and Dinner _____ Dinner only _____