



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, October 15th 2025**

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: **National Electric Code (NEC): Conductors and Overcurrent Protection**

Description: The National Electrical Code is the oldest and most widely adopted standard in the world, providing a standard for practical safety that has greatly enhanced modern building and equipment operation by protecting the public from the dangers of electrical shock and fires. Proper selection of conductors and protecting them from overcurrent hazards is a fundamental element of the NEC. All electrical professionals will benefit from a good understanding of how conductors are sized for their load characteristics and installation conditions. When something does go wrong, it is crucial to employ devices properly to shut down the system and isolate the failure without resulting in damage to the building or danger to personnel. As codes are constantly changing, and the industry is constantly evolving with new materials and installation methods, experienced professionals are encouraged to attend in order to stay up to date with current requirements.

Mr. Kruzel will review the three NEC articles most applicable to conductor selection and protection, providing insight and practical considerations for usage in electrical design.

Speaker: Mr. Joel Kruzel has been working in the electrical consulting field since 1998 working for MEP and architectural engineering firms. In 2018, Mr. Kruzel started his own MEP firm, Diamondback Engineering LLC. Mr. Kruzel has his Bachelor and Masters Degrees from the University of Maryland and obtained his professional engineering license in 2002.

Cost:

\$60.00 (Members Paid-in-Advance) Reservation Deadline: 10/13/2025

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\$65.00 (Non-members Paid-in-Advance / Members Paid-at-Door)

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\$70.00 (Non-members Paid-at-Door)

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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*

Mail reservations to: Leonard Bathgate, 9 First Avenue West, Glen Burnie, MD 21061
Phone: 443-790-5856 email: admin@iasbaltimore.org

Make checks payable to: IEEE-IAS

Reservation Deadline: 10/13/2025

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