



**IEEE Vehicular Technology Society
Philadelphia Chapter**



August 7, 2024, Meeting Announcement

Topic: NFPA 130 Compliant AC/DC Relays, Contactors, Breakers, and Other Devices

Sponsor: IEEE Vehicular Technology Society (VTS) Philadelphia Chapter

Speakers: Mr. Oleg Goureev, Component and Systems Manager, and Mr. Martin Bussiere, Business Development Manager, Rail Segment North America, ABB Electrification Products

Meeting date/time: **Wednesday, August 7, 2024, 12:00 pm to 1:00 pm** (Eastern Standard Time)

Location: *Virtual meeting* link posted on IEEE vTools prior to the meeting.

Cost of meeting: There is no charge for meeting attendance, only for PDH certificates.

Reservations: **Attendees are required to register at:** <https://events.vtools.ieee.org/m/428492>

A valid email address must be provided in order to receive the link for the meeting. If you have any questions, please contact Brandon Swartley at brandon.swartley@ieee.org.

Professional Development Hours: Attendees may apply for 1.0 PDH provided through the IEEE Certificates Program, accepted in all states. Member cost is \$6.00 and non-member cost is \$9.00 (USD) via vTools. Complete online evaluation after lecture at <https://r2.ieee.org/philadelphia-vts/forms/> Payment must be received and evaluation form must be completed within one week to receive PDH certificate.

Abstract: This presentation discusses new miniature circuit breaker technology used for electric protection and distribution on all on-board vehicle systems. Also presented are NFPA 130 compliant products including molded-case circuit breakers, ac/dc relays, ac/dc contactors, and other new technology.

Agenda:

- Introduction of ABB representatives
- Technical hands on presentation of the ABB circuit breaker
- ABB Molded Case circuit breakers migration to the XT for onboard systems distribution and protection
- Push in technology connection on DC and AC train line relays and contactors versus ring terminal
- ABB 1000 V dc Miniatures Circuits distribution and protection on Buses and Railcars
- ABB integrated engineered Solutions systems integration at our North American Center of excellence
- Discussions in general about workmanship and standards in projects

Speakers: Oleg Goureev has worked in the rail industry since 1998, starting with Stone Rail, a Wabtec Company, on the HVAC side. Mr. Goureev then moved to ABB and was responsible for the electrification Smart Power Division. He is an engineer responsible within ABB as the Component and System Manager for North America. Oleg is a true systems integration engineer capable of overseeing any applications in rail and ensures products, systems, and solutions are well protected, distributed, and compliant to the customer specifications. Mr. Goureev holds a MS in automation systems and robotic complexes from the Moscow State Technical University. Mr. Martin Bussiere is the Business Development Manager Rail Segment North America. He oversees all business development and sales activities. Mr. Bussiere joined ABB in 1994 as a Sales Representative for the low-voltage product division, then moving to different positions in the rail segment from Account Managers to Global Marketing manager for the rail sector.

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