



*IEEE Vehicular Technology Society
Philadelphia Chapter*



January 17, 2023 Joint Meeting Announcement

Topic: Elevators - Complex Electrical Systems in Today's World

Sponsors: IEEE Vehicular Technology Society (VTS) Philadelphia Chapter *and* the IEEE Philadelphia Section

Speakers: Joseph F. Maida, P.E.

Meeting date/time: Tuesday, January 17, 2023, 7:00 pm to 8:00 pm (Eastern Standard Time)

Location: Webinar link and password will be emailed after Noon on the day of the meeting. Please whitelist ieee@gpamg.org to make sure you receive the email.

Cost of meeting: There is no charge for meeting attendance.

Reservations: *Attendees are required to register at:* <https://meetings.vtools.ieee.org/m/341984> in order to obtain PDH credits (IEEE section registration page). VTS members may also register at <https://events.vtools.ieee.org/m/342665> (VTS chapter page) to register their attendance for the VTS chapter.

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 Philadelphia Section and the IEEE Certificates Program, accepted in all states. Follow the directions for payments when registering at the link above.

Abstract: Elevators have existed for over two thousand years. The original elevators were complex, for their time, and were driven by humans or animals. Today's elevators are powered by electricity and driven by motors and are likely the most complex equipment within the infrastructure of buildings. This course will review the history of elevators, the codes and standards that apply to elevators, elevator types and their components, and the complexity of the electrical power and control systems that make them function safely.

Speakers: Joseph Maida, P.E., is the president of Maida Engineering, Inc., since 1978. Mr. Maida leads a company that strives to provide harmonious working environments while challenging and utilizing the technical and managerial talents of its employees, thus enabling them to provide the highest quality of engineering and design to its industrial, commercial, government and automation and control clients. Mr. Maida has provided project management and overseen or performed engineering services on projects such as the replacement of wind tunnel 18,000 hp and 22,000 hp motors, standby power distribution systems, load management control systems, and power systems studies. Mr. Maida holds a BSEE and MSEE from Drexel University and is a licensed professional engineer in several states. He served a UCC Advisory and Review Council Member from 2009 to 2011. Joseph continues to perform and/or oversee the performance the Electrical Power System Evaluations and Studies, continues to study, design, and often install new types of power distribution and control systems, and to write courses on the subject.

IEEE VTS Philadelphia Chapter Officers:

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