



*IEEE Vehicular Technology Society
Philadelphia Chapter*



August 11, 2023 Meeting Announcement

Topic: Training on Dry-Type Transformers

Sponsors: IEEE Vehicular Technology Society (VTS) Philadelphia Chapter

Speakers: Carlos Garcia and Jhonatan Hernandez, TMC Transformers USA, Inc.

Meeting date/time: Friday, August 11, 2023, 10:00 am to 11:00 am (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/369063>

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. Send \$5.00 (USD) payment to Brandon Swartley via Zelle at brandon.swartley@ieee.org and complete online evaluation at <https://r2.ieee.org/philadelphia-vts/forms/>
Evaluation form must be completed and payment received within one week to receive PDH certificate.

Abstract: This training presentation will focus on dry-type transformers, including their advantages, market applications, and general concepts. Types of dry-type transformers will be explored, such as cast-resin, vacuum pressure impregnated (VPI) and vacuum impregnated (VI). Technical concepts for discussion include ratings, efficiencies, testing, and regulatory standards. Protection, temperature monitoring devices, and other accessories will be presented. Applications and basic maintenance will be presented by TMC engineers, along with their product portfolio and production process.

Speakers: *Carlos García*, Industrial Engineer, Master in Business Administration, 25 years in the market of electrical equipment, including transformers, switchgears, substations. Worked in sales positions and management positions in ABB and other companies. In TMC since Apr-2018, currently as Sales Manager for North America.

Jhonatan Hernández, Electrical Engineer, Master in Business Administration, 9 years of specific experience in technical and sales positions in Oil and Dry Transformers sector for multinational companies, currently as Bid Manager for North America in TMC.

TMC Transformers USA Inc. is an European company with thirty years' experience designing and producing medium and low voltage dry-type transformers with VPI and epoxy shielded windings. Based in Georgia, TMC is a dynamic company with other production plants around the world. In particular: three in Italy and one in Israel.

IEEE VTS Philadelphia Chapter Officers:

Chapter Chair: Brandon S. Swartley, P.E., STV Incorporated, brandon.swartley@ieee.org

Vice-Chair: Harvey Glickenstein, P.E., F.I.R.S.E., h.glickenstein@ieee.org

Secretary and Treasurer: Robert Fisher, P.E., WSP, rbfisher@ieee.org