

Medium Voltage Converters in Transportation Electrification

SPEAKER



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ABSTRACT

This tutorial will cover an introduction to medium voltage converters, power switches used in these converters, reliability considerations, utilization of these converters in marine, railway, evtol, and EV applications, and challenges and future trends associated with medium voltage converters in transportation electrification.

About The Speaker:

Pourya Shamsi:

Pourya Shamsi is the CTO of Infinity Miles Inc and Route 66 Controls LLC and is also an associate professor of electrical engineering at Missouri University of Science and Technology. His expertise includes power electronics, medium voltage converters, drives, and control. He is a member of IEEE as well as several UL committees.

