

# Saving Time & Money by Rapidly Characterizing Motors & Drives

## SPEAKERS



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## SPEAKER BIOGRAPHY

Mike Hoyer is an applications/marketing engineer for HBM Test and Measurement with a Bachelor's of Science degree in Electrical Engineering from New York Institute of Technology, Old Westbury, New York, and an Associates in Engineering Science degree from Farmingdale State University of New York. Mike has over 35 years of radio broadcasting experience plus data acquisition, marketing and applications engineering experience in the automotive, aerospace and power industries providing solution oriented results to customers worldwide including articles, trade shows, seminars, videos, webinars, white papers and on-site training and demonstrations.

## ABSTRACT

Characterizing electric motors and drives is a very important topic in many engineering labs throughout the world. Traditionally labs have unique interests to test and validate motors using multiple pieces of equipment from different suppliers. While these systems work, they often have high levels of complexity and operate much slower than an optimized system. This presentation proposes a solution specifically designed for motor and drive testing, saving time and money by rapidly performing efficiency motor mapping and advanced analysis resulting in the boosting of productivity and research and development.

## ITEC2023

### About Us:

ITEC is aimed at helping the industry in the transition from conventional vehicles to advanced electrified vehicles. The conference is focused on components, systems, standards, and grid interface technologies, related to efficient power conversion for all types of electrified transportation, including electric vehicles, hybrid electric vehicles, and plug-in hybrid electric vehicles (EVs, HEVs, and PHEVs) as well as heavy-duty, rail, and off-road vehicles and airplanes and ships.

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