

IEEE Southeastern Michigan
Presents VTS Distinguished Speaker: Dr Chris Mi
Second-Life EV Batteries for Renewable & Smart Grid Storage Applications



The number of electric vehicles (EVs) on roads is growing rapidly. EV batteries today, almost exclusively lithium-ion based, can last about 10 years before they can no longer provide the required performance such as power and range. They cost heavily in both production and recycling. So economically dealing with retired EV batteries is an important topic. It is estimated that the first huge wave of EV battery retirement will hit in 2025, and more retired batteries will be available each year thereafter.

Speaker Bio:

Dr. Mi is the distinguished Professor of ECE at San Diego State University. He is a Fellow of IEEE and SAE. He is also the Director of the US Department of Energy-funded Graduate Automotive Technology Education (GATE) Center for Electric Drive Transportation at SDSU. He was previously a faculty member at the University of Michigan-Dearborn from 2001 to 2015, and an Electrical Engineer with General Electric from 2000 to 2001. He also served as the CTO of 1Power Solutions from 2008 to 2011 and is currently the CTO of EV Safe Charge, Inc. Dr. Mi received his Ph. D from the University of Toronto, Canada, in 2001.

Dr. Mi has published 5 books, 204 journal papers, 126 conference papers, and 25 issued and pending patents. He served as Editor-in-Chief, Area Editor, Guest Editor, and Associate Editor of multiple IEEE Transactions and international journals, as well as the General Chair of over 10 IEEE international conferences.

***Pre-Registration Required!**

<https://events.vtools.ieee.org/m/362934>

Quick Summary

• **When:**

Date: June 21st, 2023

Time: 05:00 – 6:30 PM
(EST/EDT)

Where:

Room IAVS-1011
Institute for Advanced
Vehicle Systems
4901 Evergreen Road,
Dearborn, MI 48128

Audience: OPEN to ALL

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