

Welcome to the presentation on:

Practical Design of Automotive Inverters

Dr. Ali Mohammadpour



Where:

Jacaranda Hall JD 1590
CSUN Campus
Northridge, CA 91330

When:

Tuesday, Oct 11th, 2016
11:45: 12:00 networking
12-1:00 PM: Presentation

No Cost, Space is limited

For more information contact:

Dr. Kourosh Sedghi,
IAS Chapter Chair

Email: ksedghi@csun.edu

When: No Cost, Space is limited –

Short Description of the Presentation

Engineering of an inverter from concept to architecture to detailed design will be covered with a practical approach that meets high reliability requirement and cost limitations of automotive applications. System architecture will be derived from initial concept and system requirement. Selection of critical components will be discussed. Finally, power loss analysis of a three-phase inverter will be presented in detail for optimized design of power stage.

Speaker's Biography:

Dr. Ali Mohammadpour received the B.S. degree from the University of Tabriz, Tabriz, Iran, in 2007, the M.S. degree from the Sharif University of Technology, Tehran, Iran, in 2009, and the PhD degree from Rensselaer Polytechnic Institute, Troy, NY, in 2014, all in electrical engineering. His interests include power electronics for automotive, aviation and consumer electronics applications. He is currently Senior Power Electronics Engineer with Transportation Electrification R&D at Honeywell in Los Angeles, CA.

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