

Industry Leadership Prize

Greg Hubbard, Chief Engineer, Electric and Hybrid Propulsion Systems, General Motors

Best Paper Prizes

Enrico Carraro, Mattia Moradin, and Nicola Bianchi

Optimization of traction PMSR motor according to a given driving cycle

Larry Juang, Phillip Kollmeyer, Thomas Jahns and Robert Lorenz

Improved Modeling of Lithium-Based Batteries using Temperature-Dependent Resistance and Overpotential

Alireza Safaee, Praveen Jain, and Alireza Bakhshai

A Passive Auxiliary Circuit for Load and Line Independent Zero Voltage Switching in Full Bridge Converters with Reduced Conduction Losses for Transportation Applications

Alexander Isurin and Alexander Cook

Philosophy of Topology and Components Selection for Cost and Performance in Automotive Converters

Best Industry Presentation Prize

Takashi Yawata

Latest sintered NdFeB magnet technology "Heavy rare-earth reduction technique"