



Taiwan-Japan Joint Workshop on Electric Vehicles

Keynote speech

Cars 100 Years Later - Motor/ Capacitor/ Wireless

Time/Date:

09:00-12:30, August 8, 2018

Location:

IB 202,
International Building,
NTUST, Taipei, Taiwan

Organized by



Center for Power Electronic Technologies
National Taiwan University of Science and Technology

Sponsored by

IEEE Taipei Chapters of PELS, IAS, IES
Taiwan Power Electronics Association
Taiwan Power and Energy Engineering Association
Taiwan Tech GLoRIA

Agenda

09:00-09:10 Opening

09:10-09:35 Three-Phase Power Conditioning for EV Charging Station

Dr. Terng-Wei Tsai, National Taiwan University

09:35-10:00 Driving Test Evaluation of Sensorless Vehicle Detection Method for In-motion Wireless Charging of Electric Vehicles

Mr. Katsuhiro Hata, The University of Tokyo

10:00-10:25 Bidirectional Wireless Power Transfer System for Electric Vehicles

Mr. Hsin-Che Hsieh, Taiwan Tech/ Virginia Tech

10:25-10:45 Break

10:45-11:10 Effective Tire Force Vector Control and Maximization Method for Independent-Four-Wheel-Drive Electric Vehicle

Mr. Hiroyuki Fuse, The University of Tokyo

11:10-11:35 Medium Voltage Power Electronics Solutions for Electric Vehicle Charging Stations

Mr. Yu-Chen Su, National Tsing Hua University

11:35-12:30 Cars 100 Years Later - Motor/ Capacitor/ Wireless –

Prof. Yoichi Hori (IEEE Fellow, WEVA President), The University of Tokyo

12:30-14:00 Lunch at 蘇杭