

ITEC 2018

**2018 IEEE Transportation Electrification Conference and Expo
Components, Systems, and Power Electronics - From Technology to
Business and Public Policy**



ITEC is aimed at helping industry in the transition from conventional vehicles to advanced electrified vehicles



Preliminary Program

Long Beach Convention Center,
Long Beach, California USA
June 13-15, 2018

ITEC Sponsors



ITEC '18 Plenary Speakers

Sean Clarke

NASA-Armstrong Flight
Research Center

Dr. B Singh

John Deere

Dr. Evgeni Ganey

Honeywell Aerospace

Dr. Patrick Wheeler

University of Nottingham

Pete Savagian

Faraday Future

Nitin Patel

Fiat Chrysler

Dr. Frede Blaabjerg

Aalborg University

Dr. Dan Ludois

C-Motive and WEMPEC

An extensive program
is planned for ITEC
2018.

**12 Keynote
Speakers**

5 Short Courses

5 Tutorials

8 Panel Sessions

11 Technical Tracks

ITEC '18 Preliminary
Program is subject to
change.

ITEC '18 Tutorials/Short Courses

Hardware in the Loop (HIL) Utilization for Power Electronics Control Development

Dr. Long Wu
John Deere

Experimental Study and Performance Evaluation of Energy Management Strategies for FCHEVs Using Power Hardware-in-the-Loop Platform

Ahmed Al Durra
Khalifa University of Science and Technology

Developing Battery Models for System Level Simulation and Control Design

Javier Gazarri
Mathworks

Trade-Off Analysis Including Motor Type, Winding Type, Material and Cooling Type Selection

James Goss, David Alan Staton
Motor Design, Ltd

Traction Drive Inverter Design

Andre Chrsitman
Infineon

Fundamental Criteria For E-motor Testing Process

Lucia Arcaleni, Vincenzo Luca Fiengo
Loccioni

Highly reliable System Level Design and Simulation Platform for (H)EV

Emmanuel Rutovic
Powersys Solutions

ITEC '18 Panels

Power Electronics - Applications of Si, SiC, GaN

Elie Naim
AVL Electronics

Electrification Opportunities and Challenges For Off the Road and Heavy Duty Vehicle Industry

Dr. Long Wu
John Deere

Multiphase Machines For Traction Drive Systems

Omid Beik
Magna Powertrain

Self Driving and Connected Vehicles

LaMont McAliley, CSEP
Noblis, Inc.

Flying cars and Electric Aircraft

Dr. Kaushik Rajashekara
University of Houston

Electro-Mechanical Automotive Accessory Systems – Current Challenges

Bruno Lequesne
E-Motors Consulting

ITEC '18 Exhibition

ITEC will feature a industry relevant exhibition as well as showcase the newest vehicle technologies available. Join the growing list of companies in reserving a booth space today!

Benefits Include:

- Complimentary Registration for Booth Personnel
 - 2 registrations for a 10'x10'
 - 4 registrations for a 10'x20'
- Listing on the ITEC website and conference app with hyperlink
- Complimentary Entry to the Recruitment Event
- Listing in the exhibitor directory with a 125 word company description.

