

IST
TITLE
SPEAKER | AFFILIATION

08:00 **Registration**

09:00 **Welcome**

09:10 **KEYNOTE** | CFD Development of Propulsion System Components for Electric Vehicles
Scott E. Parrish | General Motors R&D

09:45 **Battery Pack Thermal Runaway Propagation**
Chenthil Kumar Siva Subramaniam | Simple Energy

10:10 **A Hybrid Approach to Model Thermal Runaway Propagation Through oorja-CONVERGE Coupling**
Prashant Srivastava | oorja.energy

10:35 **Advances in Emobility Simulations**
Tristan Burton | Convergent Science

11:00 **BREAK**

11:30 **Numerical Studies of Wind Turbine and Wind Farm Wakes on Uneven Terrain**
Kingshuk Mondal | Indian Institute of Technology, Hyderabad

11:55 **Numerical Investigation of Deposit Formation Parameters Due to Injection of Urea Water Solution**
Vinod Pandey | Cummins

12:20 **CONVERGence in Rail Application: Time, Effort and Accuracy in Engineering**
Balaji HR | Wabtec

12:45 **LUNCH**

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01:45 **A CFD Study to Understand Variation in Performance Results in Sector Combustion Simulation and Process of Matching Sector and Full-Cylinder Results**
Pushkar Sheth | Wabtec

02:10 **Application of LES for IC Engines**
Srujan AG | Renault Nissan Technology & Business Centre India

02:35 **KEYNOTE** | Alternate Fuels for Future Mobility
Hariganesh Radhakrishnan | Reliance Industries Limited

03:10 **Port Injection Hydrogen Mixing Studies in a Heavy-Duty Locomotive Engine at High Load Condition**
Vijayaselvan Jayakar | Wabtec

03:35 **BREAK**

04:00 **CFD Analysis of Dual Fuel Combustion in Large Bore Diesel Marine Engines: Impact of Ammonia and Hydrogen on Emissions and Fuel Efficiency**
Brijesh Kinkhabwala | FEV

04:25 **CFD Analysis of Hydrogen Combustor**
Senthil Prasad Mathiyalagan | Quest Global

04:50 **Machine Learning Approach for H2ICE Mixture Preparation**
Jose Alen | Volvo

05:15 **What's New and What's Coming in CONVERGE**
Keith Richards | Convergent Science

05:40 **Closing Remarks**
Kelly Senecal | Convergent Science

06:00 **Networking Event / Dinner**