MONDAY, NOVEMBER 5, 2012

8:30 Registration

9:00 Opening and Introductions
A Fast Running Model of a Turbo-Charged Diesel Engine for OBD Application on HiL
P. Sashidharan, C. Hayes - FEV, Inc.

Optimal Use of Boosting Configurations and Valve Strategies for High Load HCCI

GT-POWER Simulation on OPOC (opposed piston) Engine
Y. Huang - EcoMotors International, P. Bonkoski - IAV

GT-SUITE V7.3 Features – Part 1 - GTI

10:30 Coffee Break

11:00 Engine Bay Ventilation System Modeling
M. Eshraghi, J. Schlautman, S. Gendron - GM Powertrain

GT-SUITE SS and Transient Simulation of SuperTruck Waste Heat Recovery System
M. Visaria - Cummins, Inc.

Development of Embedded ECU Models Using Data from GT-POWER Virtual DOE

12:00 Lunch

13:30 GT-SUITE V7.3 demonstrations

14:00 Detailed Chemical Kinetics Modeling of Knock in GT-POWER
A. Agarwal, E. Curtis - Ford Motor Co.

Lost Motion Compression Relief Brake Design and Optimization using GT-Suite
B. Lynch - Cummins, Inc.

Application of SI Turbulent Combustion Model in a Turbocharged Chrysler Engine
L. Zhong - Chrysler Group LLC

GT-SUITE V7.3 Features – Part 2 and Future Developments - GTI

16:00 Adjournment

Note: In addition to the presentations noted above, there will be 17 user presentations at the European GT-SUITE conference, from such well known companies as BMW, CONTINENTAL, DAIMLER, DEUTZ, DISMI/Uni Modena, FERRARI, FEV, GE JENBACHER, HONDA, IAV, IFA/TU Wien, INDESA, IVK/Uni Stuttgart, MAN Truck, MAHLE Powertrain, NISSAN, PORSCHE Engineering, PSA, and VOLVO Truck. Please look for them on our website after the conference.