



APE 2009

POSTER SESSION

S. ABOURIDA, J. BELANGER, C. DUFOUR - Opal-RT Technologies

S. BOUABDALLAH - B2i Automotive Engineering

Hardware-In-the-Loop in Automotive Power Electronics: Applications, Method, Challenges and Case Study of Hybrid Electric Powertrain

B. BÉRANGER, D. CHATROUX, S. FIETTE - CEA-LITEN

Experience feedback on electric vehicles of the French car fleet

F. BRYAN, A. FORSYTH - University of Manchester

HIL simulation of an electric light delivery vehicle with supercapacitor buffer

A. CONSOLI, G. SCARCELLA, G. SCELBA - University of Catania

A. TESTA - University of Messina

Sensorless Control of PM Machines for Electric Power Steering

P. DUPUY, K. GAUEN, L. GUILLOT, J. REITER - Freescale Semiconductor

Flexible and Robust Solid-State Drivers for Automotive Lighting Applications

H. FERAL, T. CASSADO, J-P. FRADIN - Epsilon Ingénierie

P. TOUNSI, J-M. DORKEL, J-B. SAUVEPLANE, H. DIA - CNRS - LAAS - Université de Toulouse

Electro-thermal co-simulation with REBECA-3D

J. GIBIETZ - Klaric

P. GRAVE - Actions Plan International

Safe Measurement of Currents and Voltages in Hybrid Systems

J. GRANDVUILLEMIN, C. TIRABY - PSA Peugeot Citroën

D. CHAMAGNE, R. CLISES - University of Franche-Comté

Modelling and design of «Flat Flexible Cables» for automotive applications

D. GRAOVAC, B. KÖPPL - Infineon Technologies AG

CO2 reduction by optimized motor drives

B. HADJELIS, S. LECOINTRE - Valeo

Digital mock-up with SLPS Matlab-Simulink / Spice Co-simulation for Hydro-Electrical-Power-Steering HEPS

B. MARTIN - Emitech

The EMCsimulation in qualification processes

N. RIZOUG, B. BARBEDETTE - Estaca

G. FELD - ENS Cachan

Hybrid Supply for the Vehicle Starting-Up

G. SCHRAG, M. NIEßNER, R. KHALILYULIN, G. WACHUTKA - Technische Universität München

Virtual Micromechatronics: Physically consistent efficient multi-energy domain modeling

D. WERBER, G. WACHUTKA - Munich University of Technology

Combined Model Validation Platform for the Temperature and Charge Carrier Distributions in 4H-SiC Bipolar Diodes Exploiting the Plasma- and Thermo-Optical Effects