

The 2nd Workshop of SmartPM project

Demonstration projects and power electronics issues on novel semiconductor power technologies

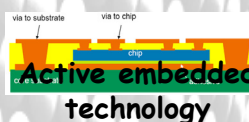
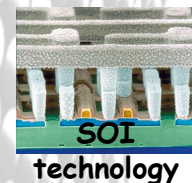
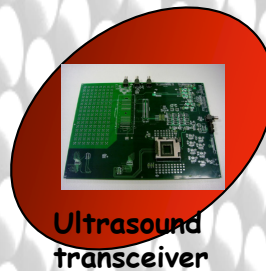
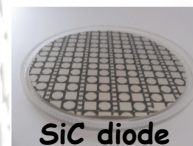
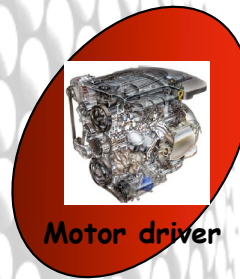
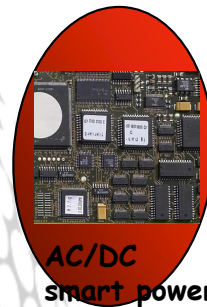
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16:00 , the 30th of August, 2011

Hall 10a, ICC, Broad Street

Birmingham, UK



<http://www.smartpm.eu>



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Program

August 30th, 2011, 16:00 – 18:40; Hall 10a, ICC

- **16:00 Welcome**
Bram Ferreira - Delft University of Technology - the Netherlands
- **16:05 Smart Power Management in Home and Health Applications Introduction and Overview**
Werner Weber - Infineon Technologies AG - Germany
- **16:20 Integration of a 50V 0.35 μm Based Smart Power Technology Using Trench Isolation on an SOI Substrate**
Filip Bauwens - ON Semiconductor - Belgium
- **16:40 Pulse Width Modulator for Power Applications**
Dierk Tiedemann - TELEFUNKEN Semiconductors - Germany
- **17:00 Highly Integrated Intelligent Power Module for Fan Motor Drives**
Werner Weber - Infineon Technologies AG - Germany
- **17:20 AC/DC Power Supply for Embedded PCs**
Tim Papenfuss - Fraunhofer Gesellschaft - Germany
- **17:40 Opportunities of Silicon-carbide components in X-ray applications**
Peter Lürkens - Philips Technologie GmbH Innovative Technologies - Germany
- **18:00 Monolithic Ultrasound HV Pulser and Low Noise Receiver Chain**
Daniele Ronchi - STMicroelectronics - Italy
- **18:20 Low-losses Magnetic Components for High-frequency SMPS**
Jean-Pierre Ganne - Thales Research and Technology - France