

Smart Power Management for Home and Health Applications



www.smartpm.eu

First Technical Workshop

Enterprise Ireland Head Office,
Conference Rooms 1&2, The Plaza
East Point Business Park, Dublin 3, Ireland

Thursday 18th March 2010



Elec-Con



Infineon

ebmpapst



Fraunhofer
Verbund
Mikroelektronik



microSpire



THALES

ON Semiconductor



PHILIPS

TU Delft



Workshop Programme 18th March

- 09.30 Registration with tea and coffee
- 10.00 Welcome
Neil Kerrigan, Enterprise Ireland
- 10.10 Introductions
Prof. Patrick McNally, Dublin City University, Ireland
- 10.15 An overview of the SmartPM project – the technologies being developed
Dr Werner Weber, Infineon Technologies, Germany and co-ordinator of SmartPM
- 10:45 Nanoelectronics for an Energy Efficient Electrical Car: An overview
Dr Kafil M. Razeeb (Tyndall National Institute, Ireland)
- 11:15 Chip embedding technology for power components
Dr. Dionysios Manassis, Fraunhofer IZM, Germany
- 11:35 10 Mins break
- 11:45 Silicon carbide Schottky diode development for high operating temperature power electronics
Dr. Donagh O'Mahony, Tyndall National Institute, Cork
- 12.05 Power Electronics for Sustainable Energy Future - Quantifying the Value of Power Electronics
Ir. S.W.H. de Haan, Delft University of Technology, Netherlands
- 12.25 Metrology for new semiconductor technologies
Dr Suresh Uppal, Dublin City University, Ireland.
- 12.45 Ultrasound Value Chain: The technology development
Dr Marco Sambì, ST Microelectronics, Italy.
- 13:00 Networking lunch and poster session**

Registration

Participation in this free event is by invitation only but all attendees are required to pre-register. To register, kindly email your full contact details including job title to: suresh.uppal@dcu.ie
If you have any questions, please feel free to contact Dr.Suresh Uppal at DCU on 00353-1-7007625 or email at suresh.uppal@dcu.ie.