

Forum Program

Thursday, November 13, 2008

10:00 – 10:30	Welcome, Coffee
10:30 – 11:00	Opening (E. BERTAGNOLLI, K. UNTERRAINER) Sensors:
11:00 – 11:45	B. JAKOBY: <i>Miniaturized Sensors and Sensing Systems for Liquid Media</i> – page 3
11:45 – 12:30	H. BRÜCKL: <i>Magnetic Lab-on-a-Chip: Magnetic Nanoparticles for Bio-medical Diagnostics</i> – page 13
12:30 – 14:00	Lunch Break Nanostructures and Nanotechnology:
14:00 – 14:45	M. MÜHLBERGER: <i>Nanoimprint Lithography</i> – page 21
14:45 – 15:30	T. PICHLER: <i>Tailoring Carbon Nanostructures: Unravelling the Electronic Properties of Low-Dimensional Quantum Solids</i> – page 29
15:30 – 16:00	Coffee Break
16:00 – 16:45	D. GRÜTZMACHER: <i>Novel Device Concepts and Strategies Basing on SiGe Nanostructures</i> – page 31 Novel Materials and Devices:
16:45 – 17:30	P. HADLEY: <i>Solution-Processable Electronics</i> – page 35
17:30 – 17:45	Break
17:45 – 18:30	L. FREY: <i>Engineering of Dielectric Materials for Silicon Technology</i> – page 37 The Society for Micro- and Nanoelectronics (GMe):
18:30 – 18:45	K. UNTERRAINER: <i>Presentation of the Activities of the GMe</i>

Friday, November 14, 2008

Opto-Electronics and Photonics:

09:30 – 10:15 S. TASCH: *LEDs for General Purpose Lighting* – **page 49**

10:15 – 10:45 Coffee Break

10:45 – 11:15 S. SCHARTNER: *Photonic Engineering of Intersubband Devices* – **page 51**

Sensors:

11:15 – 11:45 M. VELLEKOOP: *Integrated Cell Analysis Devices* – **page 15**

Spintronics:

11:45 – 12:15 A. BONANNI: *Origin and Control of Ferromagnetism in Magnetically Doped Nitrides. The Case of (Ga,Fe)N* – **page 57**

12:15 – 14:00 Snacks and Poster Exhibition

Novel Materials and Devices:

14:00 – 14:30 S. ABERMANN: *New Materials and Devices for Future Generation CMOS Technologies* – **page 39**

14:30 – 15:00 M. BREHM: *Investigations on the Wetting Layer and the Island Nucleation in the SiGe System on Planar and Pre-Structured Si(001) Substrates* – **page 43**