



# GMe Forum 2011

Society for Micro- and Nanoelectronics

(Gesellschaft für Mikro- und  
Nanoelektronik)

Venue: Vienna University of Technology,  
Seminar Room Floragasse Ground Floor  
Floragasse 7  
1040 Vienna  
Austria

Time: Thursday, April 14 – Friday, April 15, 2011

## **Invited Speakers:**

- Keynote:  
Dr. Oliver HÄBERLEN, Infineon Villach, Austria
- Organic Thin Film Solar Cells:  
Dr. Markus C. SCHARBER, Konarka Austria, Linz, Austria
- Sensors:  
Dr. Ralf LUCKLUM, Otto-von-Guericke-University Magdeburg, Germany  
Dr. Jürgen KASBERGER, Research Center for Non Destructive Testing GmbH (RECENDT), Linz, Austria  
Dr. Peter ERTL, AIT Austrian Institute of Technology, Vienna, Austria
- Nanostructures and Nanotechnology:  
Prof. Dr. Hans KOSINA, Institute for Microelectronics, TU Vienna, Austria  
Dr. Anna FONTCUBERTA I MORRAL, École polytechnique fédérale de Lausanne (EPFL), Switzerland  
Prof. Dr. Johann Peter REITHMAIER, Institute of Nanostructure Technology and Analytics, University Kassel, Germany  
Prof. Dr. Gunther SPRINGHOLZ, Institute of Semiconductor and Solid State Physics, Johannes Kepler University Linz, Austria

## **Poster Presentation:**

Results achieved by the university institutes closely related to the GMe

## Thursday, April 14, 2011

10:00 – 10:30	Welcome, Coffee
10:30 – 11:00	Opening
11:00 – 12:00	<b>Keynote:</b> O. HÄBERLEN (Infineon Villach): <i>Power Semiconductors – Key Enablers for Energy Efficiency</i>
	<b>Organic Thin Film Solar Cells:</b>
12:00 – 12:45	M.C. SCHARBER (Konarka Austria Linz): <i>Organic Thin Film Solar Cells</i>
12:45 – 14:00	Lunch Break
	<b>Sensors:</b>
14:00 – 14:45	R. LUCKLUM (Otto-von-Guericke-University Magdeburg): <i>Merging the Ultrasonic and Acoustic Sensor Principle</i>
14:45 – 15:30	J. KASBERGER (RECENDT GmbH, Linz): <i>An Integrated IR-Sensor for Vibrational IR-Spectroscopy</i>
15:30 – 16:30	Poster Session & Coffee Break
16:30 – 17:15	P. ERTL (AIT, Wien): <i>LAB-ON-A-CHIP: Applications to Cell Biology</i>

## Friday, April 15, 2011

### ***Nanostructures and Nanotechnology:***

09:30 – 10:15	H. KOSINA (TU Vienna): <i>Semiconductor Device Modeling: The last 30 Years</i>
10:15 – 11:00	A. FONTCUBERTA I MORRAL (EPFL Lausanne): <i>MBE growth of III-V nanowires and related heterostructures – Application to photovoltaics</i>
11:00 – 11:30	Coffee Break
11:30 – 12:15	J.P. REITHMAIER (University Kassel): <i>Next generation of quantum dot devices based on tailored nanostructured materials</i>
12:15 – 13:00	G. SPRINGHOLZ (JKU Linz): <i>Mid Infrared Active Quantum Dots</i>

## **Registration for the Forum:**

At the Web site of the GMe (<http://gme.tuwien.ac.at/>), or by e-mail to [gme@isas.tuwien.ac.at](mailto:gme@isas.tuwien.ac.at).

***We must have received your registration by Friday, April 8, 2011!***

## **More Information:**

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