



GMe Forum 2012

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, March 29 – Friday, March 30, 2012

Invited Speakers:

- **Keynote:**
Dr. Eva MONROY, Institute Nanosciences et Cryogénie, CEA/INAC, Grenoble, France
- **Optoelectronics:**
Dr. Aaron Maxwell ANDREWS, TU Vienna, Austria
Prof. Dr.-Ing. Jürgen WÖLLENSTEIN, IMTEK, Freiburg, Germany
- **Sensors:**
PD Dr. Erwin PEINER, TU Braunschweig, Germany
- **Advanced Devices from New Materials:**
Dr. Clemens OSTERMAIER, Infineon Villach, Austria
Prof. Dr. Friedrich SCHÄFFLER, JKU Linz, Austria
- **Technology and Reliability:**
Dr. Jürgen FAUL, Globalfoundries Dresden, Germany
Prof. Dr. Tibor GRASSER, TU Vienna, Austria
Dr. Martin SCHREMS, austriamicrosystems, Unterpremstätten, Austria

Poster Presentation:

Results achieved by the university institutes closely related to the GMe

Thursday, March 29, 2012

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| 10:00 – 10:30 | Welcome, Coffee |
| 10:30 – 11:00 | Opening |
| 11:00 – 12:00 | Keynote: E. MONROY (CEA/INAC Grenoble): <i>GaN Quantum Devices for Infrared Optoelectronics</i>
Optoelectronics: |
| 12:00 – 12:45 | A.M. ANDREWS (TU Vienna): <i>InGaAs/GaAsSb Quantum Cascade Lasers</i> |
| 12:45 – 14:00 | Lunch Break |
| 14:00 – 14:45 | J. WÖLLENSTEIN (IMTEK Freiburg): <i>MEMS Based Thermal IR Emitters</i>
Sensors: |
| 14:45 – 15:30 | E. PEINER (TU Braunschweig): <i>Cantilever Sensors for Micro- / Nanometrology</i> |
| 15:30 – 16:30 | Poster Session & Coffee Break
Advanced Devices from New Materials: |
| 16:30 – 17:15 | C. OSTERMAIER (Infineon Villach): <i>Gallium Nitride Power Devices</i> |

Friday, March 30, 2012

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| | Advanced Devices from New Materials: |
| 09:30 – 10:15 | F. SCHÄFFLER (JKU Linz): <i>Structural and Optical Properties of SiGe Structures</i>
Technology and Reliability: |
| 10:15 – 11:00 | J. FAUL (Globalfoundries Dresden): <i>Advanced Technology Nodes for Foundry Applications</i> |
| 11:00 – 11:30 | Coffee Break |
| 11:30 – 12:15 | T. GRASSER (TU Vienna): <i>Reliability of Modern CMOS Devices</i> |
| 12:15 – 13:00 | M. SCHREMS (austriamicrosystems): <i>(3D) Sensor Integration and its Strategic Importance for Europe</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.

Registration Fees:

	Regular Fee	Students' Fee
Registration until March 16, 2012	70,00 Euro	30,00 Euro
Registration after March 16, 2012	90,00 Euro	50,00 Euro

Please transfer your registration fee to the following account:

Gesellschaft für Mikro- und Nanoelektronik

Account number: 608 026 605
Bank: Bank Austria
Routing Code: 12000
IBAN: AT23 1200 0006 0802 6605
BIC: BKAUATWW

More Information:

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