



MIOMD - IX

September 7 - 11, 2008

Freiburg, Germany

9th International Conference on Mid-Infrared Optoelectronics: Materials and Devices

7th - 11th September 2008, Freiburg, Germany

Conference Chair: Joachim Wagner
Fraunhofer Institute for Applied Solid State Physics
Tullastrasse 72, 79108 Freiburg, Germany

2nd Call for Papers

□ Topics

The 9th International Conference on Mid-Infrared Optoelectronics: Materials and Devices (MIOMD-IX) is dedicated to mid-infrared (MIR) optoelectronic devices covering the 2-to-20 μm wavelength range, underlying semiconductor materials and technologies, as well as applications of MIR optoelectronics. Topics addressed include:

- MIR lasers (type-I, type-II and cascade lasers) and LEDs
- MIR detectors and detector arrays
- Band gap and band structure engineering
- Novel infrared materials including quantum dots
- MIR device growth and processing
- Passive MIR-optical components including optical fibers
- Application of MIR optoelectronics

A special session on infrared Vertical (External) Cavity Surface Emitting Lasers - V(E)CSEL- will be organized as part of this conference.

□ Abstract submission – deadline June 1th, 2008

Authors are invited to submit a one page abstract accompanied by an optional second page of supporting material such as figures or tables. Abstracts are to be submitted electronically in PDF format to abstract@miomd-9.de. For abstract preparation a template (doc-file or pdf-file) can be downloaded from the conference webpage (www.miomd-9.de). Deadline for abstract submission is June 1st, 2008.

□ Preliminary list of invited speakers

Jean-Luc Adam (Univ. Rennes, F)	Alexander Bachmann (WSI TU-München, G)
Alexei Baranov (Univ. Montpellier, F)	Gregory Belenky (Stoney Brook, US)
David Burns (IOP, Strathclyde, UK)	Frédéric Genty (Univ. Montpellier, F)
Diana Huffaker (Univ. of New Mexico, US)	Stephan Koch (Univ. Marburg, G)
Ted Masselink (Humboldt Univ. Berlin, G)	Andrey Monakhov (Ioffe Inst., RUS)
Erwan Normand (Cascade Technologies, UK)	Marcel Rattunde (Fraunhofer IAF, G)
Robert Rehm (Fraunhofer IAF, G)	Gunther Springholz (Univ. Linz, A)
Anne-C. Tropper (Univ. of Southampton, UK)	Luke Wilson (Univ. of Sheffield, UK)
Yong-gang Zhang (SIMIT Shanghai, P.R.China)	

□ About MIOMD-IX

The international conference on **Mid-Infrared Optoelectronics: Materials and Devices** (MIOMD) brings together material scientists, device physicists, application engineers and end users working in the rapidly advancing area of optoelectronics covering the 2 μm to 20 μm mid-infrared (MIR) wavelength range. The MIOMD conference provides a unique forum to discuss issues of relevance for the realization of semiconductor emitters and detectors on the one hand and their application to production and environmental control, medical diagnostics, as well as security applications on the other hand.

With the first conference of this series (MIOMD-I) held at Lancaster in 1996, this conference series has been organized at various locations within Europe as well as in the US. After MIOMD-VIII which took place at Bad Ischl (Austria), the MIOMD conference series will be continued with MIOMD-IX to be held in Freiburg (Germany) from September 7 to 11, 2008.

□ Location

The MIOMD-IX conference will be held at the “Katholische Akademie Freiburg”, a premier meeting and convention facility, which is located within walking distance of downtown Freiburg and several convenient hotels for overnight accommodation.

□ Contact

For further questions concerning abstract submission or further conference details please contact info@miomd-9.de or visit www.miomd-9.de.