



MIOMD - IX

September 7 - 11, 2008

Freiburg, Germany

# 9<sup>th</sup> International Conference on Mid-Infrared Optoelectronics: Materials and Devices

7<sup>th</sup> - 11<sup>th</sup> September 2008, Freiburg, Germany

**Conference Chair: Joachim Wagner**  
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## Call for Papers

### □ Topics

The 9<sup>th</sup> International Conference on Mid-Infrared Optoelectronics: Materials and Devices (MIOMD-IX) will cover the whole spectrum of mid-infrared (MIR) optoelectronic devices, underlying semiconductor materials and technologies, as well as applications of MIR optoelectronics. Papers are solicited on a variety of topics including:

- 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 incl. quantum dots
- MIR device growth and processing
- Passive MIR-optical components including optical fibers
- Application of MIR optoelectronics

A special session on Optically Pumped MIR Semiconductor Disk Lasers (OPSDL or VECSEL) and their applications will be organized as part of this conference.

### □ Abstract submission – deadline June 1<sup>th</sup>, 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](mailto:abstract@miomd-9.de). For abstract preparation a template (A4 or US-Letter Format, 12 pt Times New Roman for main text and 16 pt bold for title lines, single spaced, page margins 2.5 cm all around) can be downloaded from the conference webpage ([www.miomd-9.de](http://www.miomd-9.de)). Deadline for abstract submission is June 1st, 2008.

## □ **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  $\mu\text{m}$  to 30  $\mu\text{m}$  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**

Because of its scenic beauty, relatively warm and sunny climate and easy access to the Black Forest, Freiburg is a hub for regional tourism. Downtown Freiburg is dominated by its cathedral (“Münster”). In 1457, Duke Albrecht VI established the Albert-Ludwigs University at Freiburg, one of Germany's oldest universities.

Furthermore, Freiburg is home to several University research centers, such as the Institute of Microsystem Technology (IMTEK) and the Freiburg Materials Research Center as well as five Fraunhofer Institutes, including the Institute for Applied Solid State Physics, and three Max Planck Institutes.

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](mailto:info@miomd-9.de) or visit [www.miomd-9.de](http://www.miomd-9.de).