

# Workshop

on

# Advanced Multiphoton and Fluorescence Lifetime Imaging Techniques

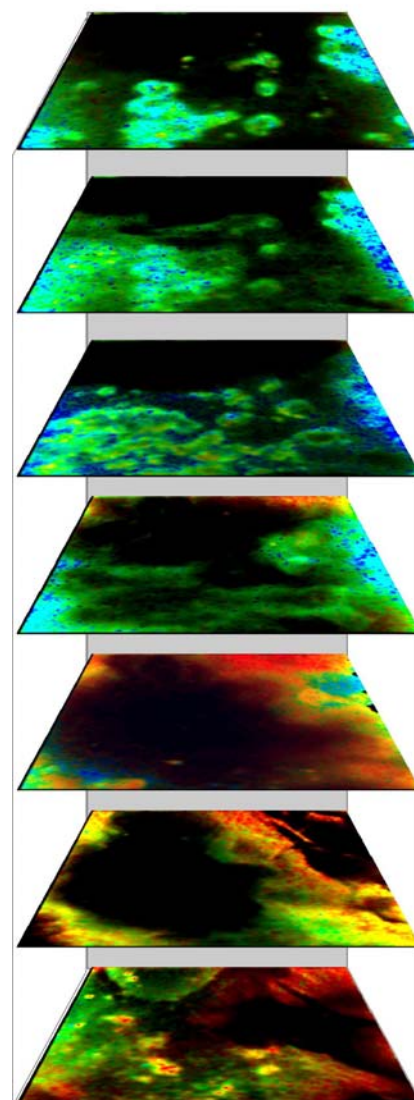
St. Ingbert, Germany, June 19 to 21, 2006

## Topics:

Advanced multiphoton imaging  
Multiphoton tomography of human skin  
Fluorescence lifetime imaging (FLIM)  
Multi-wavelength fluorescence lifetime imaging  
Fluorescence resonance energy transfer (FRET)  
Live cell imaging  
Autofluorescence imaging of cells and tissue  
Imaging of local environment parameters  
Diffusion phenomena, combination of FCS and FLIM

## Invited Speakers:

Brian Baeskaï	MGH, Boston MA
Wolfgang Becker	bh, Berlin
Christoph Biskup	University Jena
Alberto Diaspro	University of Genoa
Michelle Digman	University of Illinois
Rory Duncan	University of Edinburgh
Paul French	Imperial College London
Thomas Gensch	Forschungszentrum Jülich
Martin Kaatz	University Jena
Karsten König	Fraunhofer-Institut St. Ingbert
Ammasi Periasamy	Keck Centre Charlottesville VA
Zdenek Petrasek	Biotec TU Dresden
Angelika Rück	ILM Ulm
Peter So	MIT Cambridge MA
Dietrich Schweitzer	University Jena
Boris Vojnovic	Gray Cancer Lab, London
Klaus Weisshart	Carl Zeiss MicroImaging GmbH Jena
Marc van Zandvoort	University Maastricht



For details, please see [www.laser-saarland.de](http://www.laser-saarland.de)

## Organized by:



Fraunhofer Institut für Biomedizinische  
Technik, St. Ingbert, Germany  
[www.ibmt.fraunhofer.de](http://www.ibmt.fraunhofer.de)

Contact:  
Prof. Dr. Karsten König  
[Karsten.Koenig@ibmt.fraunhofer.de](mailto:Karsten.Koenig@ibmt.fraunhofer.de)



Becker & Hickl GmbH  
Berlin, Germany  
[www.becker-hickl.com](http://www.becker-hickl.com)

Contact:  
Dr. Wolfgang Becker  
[becker@becker-hickl.com](mailto:becker@becker-hickl.com)

## Support:

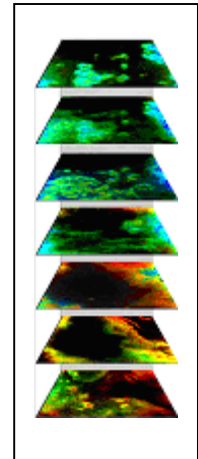


## Details and Registration

The workshop starts on Monday, June 19, 2006, with three comprehensive lectures. In these lectures experts will introduce the fundamentals of Multiphoton Microscopy, Time Resolved Fluorescence, and Multiphoton Tomography.

During the following two days, selected speakers will present hot and emerging topics in the morning sessions, while you can put your hands on the experiments during the practical tutorials of the afternoon.

A poster session with beer and snacks, and the workshop dinner complete the programme.



Continuously updated information about the workshop is available on the Internet, [www.laser-saarland.de](http://www.laser-saarland.de).

**Three student's Workshop Grants will be awarded:** If you are a student, and you intend to present a poster, send an application to the Workshop Office (apart from the abstract of the poster, the application should include on one page: a short statement, why you ask the grant, a brief description of your own research, and your CV). Based on the quality of the applications, the organizers will award three Workshop Grants that cover the registration fee and accommodation for the duration of the workshop.

**To register**, please fill in the attached registration form, and send it - preferably by fax - to the Workshop Office. **The extended deadline** for registration is **May 2, 2006**. After that date, increased on-site registration fees will apply:

<b>Fees:</b>	<b>Full registration:</b>	<b>€400.-</b>
	<b>Student's registration:</b>	<b>€150.-</b>
	<b>One-day-only ticket:</b>	<b>€150.-</b>

**Workshop Office** – Attn. Kerstin Knobe –  
Fraunhofer Institute of Biomedical Technology  
Ensheimer Str. 48  
66386 St. Ingbert  
Germany  
+49 (0) 6894 980 151 (phone)  
+49 (0) 6894 980 152 (fax)  
[karsten.koenig@ibmt.fraunhofer.de](mailto:karsten.koenig@ibmt.fraunhofer.de)



**Register Now!**

**Deadline:**

**EXTENDED**

~~April 15, 2006~~

**May 2, 2006**

**Please note:**

For the reason of the football World Cup 2006, we advise early booking!

## Accommodation

**Information on accommodation**, but as well on tourists' issues, you can find e.g. on the Internet page of Saarbrücken, [www.saarbruecken.de](http://www.saarbruecken.de). Please choose your language and make your way to the topic "Tourism" and to the accommodation information. For St. Ingbert, the website of the city of St. Ingbert proposes an overview on [www.st-ingbert.de/210.htm](http://www.st-ingbert.de/210.htm) (in German only).

**In case you are interested in organized accommodation**, the workshop office has placed reservation.

- **Novotel Saarbrücken Goldene Bremm**, [http://www.tagungshotel.com/hotel\\_1070363631.htm](http://www.tagungshotel.com/hotel_1070363631.htm). The placed reservation will only be valid until April 1, 2006. The arrangement is valid for: arrival June 18, 2006 departure June 21, 2006. Single room €111.00, double €124.00 The prices are per room per night, and include breakfast and service. Please mention "**Fraunhofer Institut**" on your booking.  
**Address:** Novotel Saarbrücken Goldene Bremm, Zinzinger Strasse 9, 66117 Saarbrücken, Germany  
+49 (0)681-5863-0 (phone), +49 (0)681-5863-0 (fax)

- **Europa Hotel Saarbrücken**, <http://www.aranoltels.de/eng/index.htm>. The placed reservation on 20 rooms will be valid until May 15, 2006. Single room per night €48.00, double per night 62€, prices include breakfast and service Please mention “**Fraunhofer Workshop**” on your booking.  
**Address:** Europa Hotel Saarbrücken, Gutenbergstraße 29, 66117 Saarbrücken, Germany, +49 (0)681-92708-0 (phone), +49 (0)681-92708-55 (fax)
- **Hotel Meran**, Saarbrücken <http://www.hotel-meran.de> . The placed reservation on 25 rooms will be valid until May 10, 2006. Prices are in the range of €60.00 (single) to €70.00 (double), including breakfast and service. We obtain 10% reduction on the list-prices. Please mention “**Fraunhofer Workshop**” on your booking.  
**Address:** Hotel Meran, Mainzer Str. 69, 66121 Saarbrücken, Germany, +49 (0)681 65381 (phone), +49 (0)681 61520 (fax)
- **Hotel La Fontana Costanzo**, St. Ingbert, <http://www.hotel-la-fontana.de>. We reserved 9 rooms, valid until May 15,2006. Single room per night €66.00, prices include breakfast and service. Please mention “**Fraunhofer Workshop**” on your booking.  
**Address:** Hotel La Fontana Costanzo, Ensheimer Str. 166-168, 66386 St. Ingbert. Germany, +49 (0)6894-7966 (phone), +49(0)6894-887340 (fax)

## Travel

**For information on how to reach the institute, please visit**

[www.ibmt.fraunhofer.de/ibmt1anfahrten\\_e.html](http://www.ibmt.fraunhofer.de/ibmt1anfahrten_e.html)

Please focus on the descriptions for the institute’s main site at St. Ingbert!

### **Additional note on air transport:**

Apart from the Saarbrücken Airport (Ensheim; 5-10 min by taxi) you might choose to come via the airport Frankfurt/Main (2 h by train) or via the airport Frankfurt-Hahn (2h to Saarbrücken by bus)

**For general travel information**, you might want to consult the railway Internet page, [www.bahn.de](http://www.bahn.de) and the Internet page of the public transport in the region [www.saarvv.de](http://www.saarvv.de) (site in German only).

**The transfer** from/to the auditorium at Sulzbach is organized, please see the programme. The transport to and from Saarbrücken is possible by public transport (by e.g. railway, Central Station Saarbrücken to St. Ingbert in 15 min, €2.60). The Workshop Office might organize a bus transfer to the Novotel, if the number of interested attendees is sufficient.

## Fax message to:

Organization Office  
- Kerstin Knobe -  
++49-(0)6894-980152



**Fraunhofer** Institut  
Biomedizinische  
Technik

## Workshop on Advanced Multiphoton and Fluorescence Lifetime Imaging Techniques

June 19-21, 2006 in St. Ingbert, Germany

First Name	Last Name	Title/ Function
Institution/ Company		
Address		
City	Postal Code	Country
Phone	Fax	
e-mail		

### Register Now!

Only limited number of  
places available.

### Extended Deadline May 2, 2006

After that date, increased  
on-site registration fees  
will apply.

## Registration (check corresponding boxes The workshop starts on Monday, June 19, 2006, with three comprehensive lectures. In these lectures experts will introduce the fundamentals of Multiphoton Microscopy, Time Resolved Fluorescence, and Multiphoton Tomography. During the following two days, selected speakers will present hot and emerging topics in the morning sessions, while you can put your hands on the experiments during the practical tutorials of the afternoon. A poster session with beer and snacks, and the workshop dinner complete the programme.

Thank you for filling in the form and sending it - preferably by fax - to the Organization Office. You will receive a confirmation with payment details. Updated information about accommodation, the programme, and possible modifications will be announced on the Internet, see [www.ibmt.fraunhofer.de](http://www.ibmt.fraunhofer.de) or [www.laser-saarland.de](http://www.laser-saarland.de), or contact the Organization Office by e-mail, [karsten.koenig@ibmt.fraunhofer.de](mailto:karsten.koenig@ibmt.fraunhofer.de)

### (1) I will attend the workshop

Full registration €400

The registration fee includes the introductory lectures on June 19, the lectures and practical tutorials on experiments, as well as catering (get-together, coffee and snacks, workshop dinner).

Student's registration €150

One-day-only registration €150

Specify date: \_\_\_\_\_

### (2) I will present a poster with the title

Title

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

The evening poster  
session is scheduled on  
June 20.

Date/Place

Signature