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 Bacskai 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 Gesch 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

Organized by:

Fraunhofer Institut für Biomedizinische Technik, St. Ingbert, Germany
www.ibmt.fraunhofer.de

Contact:
Prof. Dr. Karsten König
Karsten.Koenig@ibmt.fraunhofer.de

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www.becker-hickl.com

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becker@becker-hickl.com

Support:

Fraunhofer
Institut Biomedizinische Technik

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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.

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:

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<th>Fees</th>
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<tr>
<td>Full registration:</td>
<td>€ 400.-</td>
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<tr>
<td>Student’s registration:</td>
<td>€ 150.-</td>
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<tr>
<td>One-day-only ticket:</td>
<td>€ 150.-</td>
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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

Accommodation

Information on accommodation, but as well on tourists’ issues, you can find e.g. on the Internet page of Saarbrücken, 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 (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. 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](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](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](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.
Workshop on Advanced Multiphoton and Fluorescence Lifetime Imaging Techniques
June 19-21, 2006 in St. Ingbert, Germany

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 or www.laser-saarland.de, or contact the Organization Office by e-mail, 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).
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<tr>
<td>Student’s registration</td>
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<td>Specify date: ________________________________</td>
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<td>One-day-only registration</td>
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(2) I will present a poster with the title

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<th>Title</th>
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<th>The evening poster session is scheduled on June 20.</th>
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Fax message to:
Organization Office
- Kerstin Knobe -
++49-(0)6894-980152