

Registration

Registration and questions should be addressed to:

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Payment should be by bank transfer in advance of the meeting:

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General Information

Venue: Gullmarsstrand Hotel & Conference
45034 Fiskebäckskil
Sweden
(approx. 100 km north of Gothenborg)

Date: March 19 – 21, 2007

Price: SEK 3750,-
Include accommodation for two nights at Gullmarstrand Hotel & Conference. Breakfast, lunch and dinner for 2 days and coffee during the breaks.

Language: All seminar sessions will be in English, translation services will not be provided.

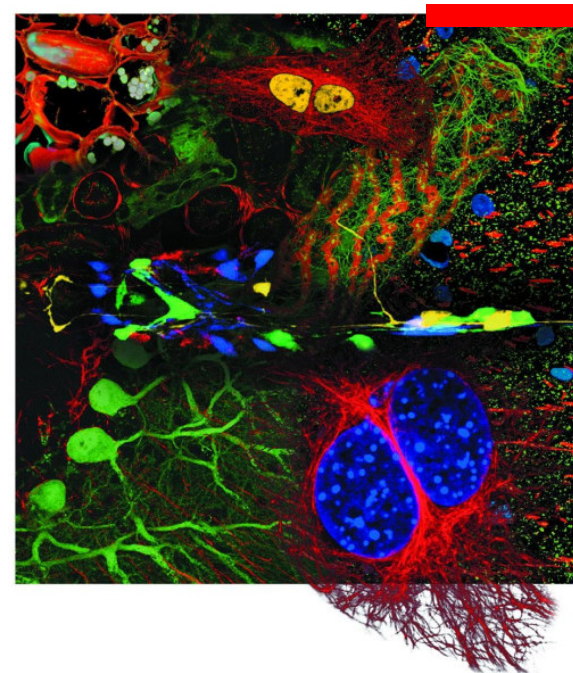
Participation: Number of participants is limited to 80. Minimum number of participants is 35.

Registration: Binding registration, including payment, to be **before February, 16th**. Each participant will receive acknowledgement of his/her application.

How to get there:

By car: Fiskebäckskil is about
3 1/2 h from Oslo
5 h from Copenhagen
5 h from Stockholm.

By plane: Landvetter airport in Gothenburg is the closest airport. There will be one bus going from the airport to the hotel, leaving Landvetter at 10.30h on Monday, and back again on Wednesday at 12.30h. The bus will take approx 1 h 30 min. This bus will be free of charge.



Nordic Confocal & Advanced Fluorescence Meeting

Fiskebäckskil
March 19 – 21, 2007

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Program

Monday, March 19th

- 11.00 Registration and Social Contact
- 12.00 Lunch
- 13.00 Welcome
- 13.15 Confocal Product Update and Preview of Innovations. *Matthew Issoukis*
- 14.00 FRAP and nanosensor studies in plant cell biology. *Alexander Schulz*
- 14.30 Coffee
- 14.45 Two-photon 7D investigations and other stories. *Alberto Diaspro*
- 15.30 Imaging Deep into Living Animal Brain. *Clive Bramham*
- 16.15 Guided Tour around Kristineberg Marine Research Station
- 19.30 Dinner

Tuesday, March 20th

- 09.00 Studying membrane turnover and complex formation of vesicular coat proteins in living cells. *Rainer Pepperkok*
- 09.45 Live Cell Capturing (LCC) and Pancreatic Cancer cell cultures, a new methodological approach. *Niccola Funel*
- 10.30 Coffee Break
- 11.00 Qdot nanocrystals in biological applications. *Stephen Chamberlain*
- 12.00 FLIM & FCS: Using fluorescence dynamics to study interactions and mobilities of biomolecules. *Malte Wachsmuth*
- 12.30 Lunch
- 13.30 Superresolution Microscopy: 4Pi and STED. *Matthew Issoukis*
- 14.30 Action and interaction in DNA repair and gene transcription studied by FRAP and FRET. *Adriaan Houtsmuller*
- 15.15 Coffee Break
- 15.45 Multicolor imaging Dye separation & colocalization. *Ulf Schwarz*
- 16.30 Automated TIRF, technique & applications. *Christian May*
- 17.00 Guided use of the instruments available
- 19.00 Dinner & Social Event

Wednesday, March 21st

- 09.00 Intensity-based size calibration of sub-resolution objects. *Andreas Kunding*
- 09.45 Live cell imaging: Studies of molecular dynamics and interactions. *María Montoya*
- 10.50 Replicate based noise corrected correlation for accurate measurements of colocalization. *Jeremy Adler*
- 11.30 Tips & tricks in Confocal Microscopy. *Ulf Schwarz*
- 12.00 End of the meeting

Instruments

The course emphasizes the use of the latest equipment and techniques in fluorescence microscopy, including confocal laser scanning microscopy, F-techniques (FRET, FRAP, TIRF), and wide field imaging. There will be the following fluorescence systems available:

Leica TCS SP5 AOBS	The broadband confocal microscope.
Leica TCS SPE	Personal confocal microscope
Leica AM TIRF	Automated TIRF system
Leica LMD6000	Laser microdissection system
Leica CM1900 UV	The rapid sectioning cryostat with UV disinfection
Leica MZ16 FA	Advanced fluorescence stereomicroscope

If you want to have a detailed demonstration on any of the instruments you can book time for personal demonstrations, either in advance or at the meeting.

A booking list will be send out when you register for the meeting.

Speakers

The program of this meeting brings a team of top scientists as well as Leica Microsystems specialists. This undoubtedly forms a unique opportunity to become acquainted with the latest advances in the microscopy field.

Dr. Jeremy Adler
The Wenner-Gren Institute, Sweden

Prof. Clive Bramham
Inst. of Physiology, University of Bergen, Norway

Dr. Stephen Chamberlain
Invitrogen Corp., USA

Dr. Alberto Diaspro
University of Genova, Italy

Dr. Niccola Funel
Division of Medical Oncology, University Hospital, Italy

Dr. Adriaan Houtsmuller
Dep.Pathology, Erasmus University, Holland

Dr. Matthew Issoukis
Leica Microsystems, Germany

Dr. Andreas Kunding
Bio-Nanotechnology Lab. University of Copenhagen, Denmark

Dr. Christian May
Leica Microsystems, Germany

Dr. María Montoya
Spanish National Cancer Research Center CNIO, Spain

Dr. Rainer Pepperkok
European Molecular Biology Lab., Germany

Prof. Alexander Schulz
The Royal Veterinary and Agricultural University, Denmark

Mr. Ulf Schwarz
Leica Microsystems, Germany

Dr. Malte Wachsmuth
Pasteur Institute, Korea