

Registration:

The "Day of Lectures" and the "Demonstrator Day" all students and scientists are encouraged and welcomed to attend. The "Microscopy Workshop" is limited to 30 participants. We ask you to send us a letter of research interests and CV with a recent list of publications along with your application. Please register and complete funds transfer to the address below.

I would like to attend the "Day of Lectures" and "Demonstrator Day", October 9 and 11, 2006.

Fee: 20 € (all are encouraged and welcomed to attend).

I would like to attend all three days, October 9 to 11, 2006. I am enclosing my research interests letter, CV and list of publications. Fee: 100 € (students 75 €) (includes lunch on 3 days, evening feast on workshop day). Please see www.dynamicmicroscopy.de for recommended hotels.

Name: _____

Institution: _____

Address: _____

Phone: _____

E-mail: _____

Send applications to:

Ms. Eva Albero
Rudolf-Virchow-Center
University of Würzburg
Versbacher Str. 9
97078 Würzburg, Germany
eva.albero@virchow.uni-wuerzburg.de

Location:

All events will take place at the

Rudolf-Virchow-Center

DFG-Research Center for
Experimental Biomedicine
University of Würzburg
Versbacher Str. 9
97078 Würzburg
Germany



Rudolf
Virchow
Center

DFG-Research Center
for Experimental Biomedicine
University of Würzburg

Contact:

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For more information, visit
our website:
www.dynamicmicroscopy.de

Sponsored by:



Dynamic Microscopy 2006

October 9 - 11, 2006

Rudolf-Virchow-Center /
DFG-Research Center
for Experimental
Biomedicine
University of Würzburg
Germany

Description:

What it is:

"Dynamic Microscopy 2006" is a microscopy symposium and workshop, introducing our Center for Microscopy at the University of Würzburg.

What we want:

Our goal is to introduce and present the most modern optical microscopy techniques to a multi-disciplinary audience from the medical and natural sciences.

How we do it:

The first day of "Dynamic Microscopy 2006" a symposium features a series of lectures by internationally renowned speakers.

The second day will be a workshop with "hands-on" program to learn the techniques with new and unique microscopes in our center.

The third day includes demonstrations of state of the art microscopes and offers the possibility to test own samples.



Programme:

Day of Lectures

October 9, 2006, 9:30 to 18:00

- Maxime Dahan (ENS, Paris)
"Establishment of cell polarity during nerve chemotaxis: a single molecule approach"
- Ernst Stelzer (EMBL, Heidelberg)
"Avoiding flat & hard surfaces with Single Plane Illumination Microscopy (SPIM)"
- Anne Kenworthy (Vanderbilt University, Nashville)
"Probing lipid raft structure and dynamics by Quantitative Fluorescence Microscopy"
- David Kremers (Caltech, Pasadena)
"Making seven dimensions into 2: biting off what humans cannot chew"
- Robert Hoffman (AntiCancer, Inc., San Diego)
"Whole-body Subcellular Imaging in the live animal"
- Daniel Müller (HTU, Dresden)
"From tissues, cells to single molecules: Recent developments and applications of Atomic Force Microscopy and Spectroscopy in biology and medicine"
- Jackson Egen (NIH, Bethesda)
"Visualization of immune cell dynamics using intravital Multiphoton Microscopy"

Keynote Lecture

- Zena Werb (University of California, San Francisco)



"Imaging the microenvironment during tumor progression"

Microscopy Workshop

October 10, 2006, 9:00 to 18:00

Covering the newest topics in dynamic microscopy:

- Fluorescence Recovery After Photobleaching (FRAP)
- Single-Molecule Fluorescence Microscopy
- Dynamic Fluorescence Confocal Microscopy
- Multiphoton Microscopy

Demonstrator Day

October 11, 2006, 9:00 to 15:00

- Demonstrations from our sponsors
- Test your own samples on the state of the art microscopes
- Special demonstrations: TIRF, FCS, FLIM, FRET Microscopy