



Time-resolved Microscopy Course

15th International Course on “Time-resolved Microscopy and Correlation Spectroscopy”

Costs: The course is free of charge!

When: July 4 - 7, (time schedule see below)

Where: W37-0-002 <https://uol.de/lageplan?wo=W37-0-002> Parking spaces are located behind the lecture hall building W32 or between the building W38 and curve Kùpkersweg.

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What is it about:

The course provides an in-depth introduction to the world of time-resolved fluorescence microscopy with a focus on life science applications. The course combines a series of lectures by experts in the field with practical sessions on systems from market-leading companies.

Who should attend:

The content is geared towards researchers just starting to explore time-resolved methods as well as those having some previous experience.

Join the event to:

- Learn the principles behind time-resolved fluorescence microscopy
- Get to know powerful methods that will help advance your research
- Understand how time-resolved data is acquired and analyzed
- Interact directly with experts to discuss your research and foster collaborations
- See confocal microscopes from various companies live in action
- Talk to and socialize with your fellow scientists

Time schedule

Tuesday, July 4	Wednesday, July 5
11:50 <i>Andreas Bültner</i> Welcome	
12:00 <i>Olaf Schulz</i> Introduction to FLIM	12:00 <i>Stefanie Weidtkamp-Peters</i> Investigating protein-protein interaction in plant tissue using FLIM-FRET
12:45 <i>Olaf Schulz</i> Q&A with speaker	12:45 <i>Stefanie Weidtkamp-Peters</i> Q&A with speaker
13:00 Break	13:00 Break
13:30 <i>Samaneh Rezvani</i> Introduction to FLIM\FRET	13:30 Practical session 2 - Advanced FLIM\FRET Zeiss
14:15 <i>Samaneh Rezvani</i> Q&A with speaker	15:30 Break
14:30 Break	16:30 <i>Olaf Schulz</i> Introduction to FCS
15:30 Practical session 1 - FLIM basics Nikon	17:15 <i>Olaf Schulz</i> Q&A with speaker
17:30 PicoQuant lounge - Ask your questions	17:30 PicoQuant lounge - Ask your questions
18:00 End - Day 1	18:00 End - Day 2

Thursday, July 6	Friday, July 7
12:00 <i>Samaneh Rezvani</i> Introduction to FLCS\Single Molecule Microscopy	12:00 <i>Joëlle Goulding</i> Biological Applications of FCS
12:45 <i>Samaneh Rezvani</i> Q&A with speaker	12:45 <i>Joëlle Goulding</i> Q&A with speaker
13:00 Break	13:00 Break
13:30 <i>Jelle Hendrix</i> Raster and temporal ICS - Part I	13:30 <i>Jelle Hendrix</i> Raster and temporal ICS Part II
14:15 <i>Jelle Hendrix</i> Q&A with speaker	14:15 <i>Jelle Hendrix</i> Q&A with speaker
14:30 Break	14:30 Break
15:30 Practical session 3 - FCS\SMD PicoQuant	15:30 Practical session 4 - Advanced FCS & FLCS Olympus
18:00 PicoQuant lounge - Ask your questions	17:30 PicoQuant lounge - Ask your questions
18:30 End - Day 3	18:00 End - Day 4