| | Monday 7.12. | | Tuesday 08.12. | | Wednesday 09.12. | | Thursday 10.12. | | Friday 11.12. |
|---|---|---|---|---|---|---|---|---|---|
| 08:30-9:00 | Registration | | | | | | | | |
| 09:00 - 9:45 | Welcome and Introduction to FCS<br>(Don C. Lamb) | 09:00 - 9:45 | DNA-PAINT<br>(Ralf Jungmann) | 09:00 - 9:45 | SpFRET, Burst Analysis<br>(Claus Seidel) | 09:00 - 9:45 | Combining Super Resolution and Fluctuation Spectroscopy<br>(Christian Eggeling) | 9:00 - 10:30 | Laboratory training 3 |
| 9:45 - 10:30 | The Photon Counting Histogram Analysis<br>(Jochen Mùller) | 9:45 - 10:30 | Advanced image correlation (PIE-FI, Arbitrary RICS and Spectral RICS)<br>(Don C. Lamb) | 9:45 - 10:30 | MinFlux with GET<br>(Philip Tinnefeld) | 9:45 - 10:30 | Multiparameter Fluorescence Detection: Burst Analysis and Image Spectroscopy<br>( Claus Seidel) | | |
| 10:30 - 11:00 | Coffee break | 10:30 - 11:00 | Coffee break | 10:30 - 11:00 | Coffee break | 10:30 - 11:00 | Coffee break | 10:30-11:00 | Coffee Break |
| 11:00 - 11:45 | Image Correlation Methods<br>(Paul Wiseman) | 11:00 - 11:45 | The Phasor Approach to FLIM<br>(Michelle Digman) | 11:00 - 11:45 | STED Microscopy<br>(Christian Eggeling) | 11:00 - 11:45 | KICS - Advanced ICS<br>(Paul Wiseman) | 11:00 - 12:30 | Laboratory training 4 |
| 11:45 - 12:30 | Raster Image Correlation Spectroscopy and The Number and Molecular Brightness Method<br>(Michelle Digman) | 12:45 - 13:30 | Orbital 3D Single Particle Tracking<br>(Don C. Lamb) | 11:45 - 12:30 | Advanced SR Methods<br>(Ralf Jungmann) | 11:45 - 12:30 | Cluster Analysis / GET<br>(Jochen Müller) | | |
| 12:30 - 13:30 | Lunch | 12:30 - 13:30 | Lunch | 12:30 - 13:30 | Lunch | 12:30 - 13:30 | Lunch | 12:30 - 13:30 | Lunch |
| 13:30 - 14:00 | **Application 1** - Elucidating the early steps of HIV assembly with RICS<br>(Irene Gialdini) | 13:30 - 14:00 | **Application 2** - Extracting more information from FCS experiments<br>(Fabio Morella) | 13:30 - 15:00 | Laboratory training 1 | 13:30 - 14:00 | **Application 3** -Probing Protein Dynamics with smFRET<br>(Ecenaz Bilgen) | 13:30- 15:00 | Laboratory training 5 |
| 14:00 - 14:15 | Coffee break | 14:00 - 14:15 | Coffee break | 15:00 - 15:30 | Coffee Break | 14:00 - 14:15 | Coffee break | 15:00 - 15:30 | Coffee Break |
| 14:15 - 17:00 | Computer based training on FCS | 14:15 - 16:30 | Computer based training on RICS and N&B | 15:30 - 17:00 | Laboratory training 2 | 14:15 - 17:00 | Computer based training on single-pair FRET | 15:30- 17:00 | Laboratory training 6 |
| | | 16:30 - 17:00 | **Student Talks:** | | | | | 17:00 - 17:15 | Closing Remarks |
| 17:15 - 18:15 | **Special lecture** - Michelle Digman | 17:15 - 18:15 | **Special lecture** - Victoria Birkedal | 17:15 - 18:15 | **PC Colloquium** - Christian Eggeling | | | | |
| 18:15 -20:00 | Social Event Catering - | | | 19:00 - 22:30 | Informal Discussions and Idea Exchange | | | | |

**Locations:**

Room L00.010

Special Lectures
Room: Willstätter Lecture Hall

Room: Baeyer Lecture Hall

Pepe & Sale

Wilhelmstrasse 15,
80801 München

Room B2.079/080

Individual labs, BioSysM, Building B and Building E.