

## Time Schedule (per 30th May 2006)

# 4th European Short Course on Principles & Applications of Time-Resolved Fluorescence Spectroscopy Berlin, October 30 - November 3, 2006

Monday, 30.10.	Tuesday, 31.10.	Wednesday, 1.11.	Thursday, 2.11.	Friday, 3.11.
8:00 Registration (Max-Born-Saal)	8:30 <i>JL</i> Time-resolved fluorescence	8:30 <i>JL</i> Time dependent phenomena	8:30 <i>AD</i> Fluorescence markers, probes and labels	8:30 <i>MP</i> Advanced data analysis
9:00 <i>JL &amp; RE</i> Welcome & Introduction	10:15 Coffee break	10:00 Coffee break	10:00 Coffee break	10:00 <i>MA</i> High throughput screening (1)
9:30 <i>JL</i> Basic definitions & principles of fluorescence (1)	10:45 <i>MW</i> Instrumentation (2) / TCSPC	10:30 <i>JH</i> Modern fluorescence microscopy	10:30 <i>JE</i> Fluorescence fluctuation and Single molecule spectroscopy	10:45 Coffee break
10:45 Coffee break	12:15 Group picture	12:00 Lunch break / Move buildings	12:00 Lunch break	11:15 <i>MA</i> High throughput screening (2)
11:15 <i>JL</i> Basic definitions & principles of fluorescence (2)	12:30 Lunch break	13:00 * Hands-on experiments (3)	13:00 <i>MH</i> Solvent relaxation techniques: application in studies of biomolecules	12:45 <i>RE</i> Concluding remarks
12:45 Lunch break	13:30 <i>ZG</i> Analytical applications of fluorescence	14:30 Coffee break	14:30 Move buildings	13:00 Lunch break
13:45 <i>RE</i> Instrumentation (1)	15:15 Move buildings	14:45 * Hands-on experiments (4)	14:45 * Hands-on experiments (5)	
15:15 Coffee break	15:30 * Hands-on experiments (1)	16:15 spare time, can be used for: - experiments with your samples * - company tour PicoQuant <i>UO</i> - discussion - your own plans	16:15 Coffee break	
15:45 <i>MP</i> Introduction to data analysis	17:00 Coffee break		16:30 until 18:00 * Hands-on experiments (6)	
16:15 <i>AB, ZG</i> Introduction to hands-on experiments (1)	17:15 * Hands-on experiments (2)		ca. 19:00 Course dinner until 23:00	
16:45 <i>Hands-on companies</i> * Introduction to hands-on experiments (2)	18:45 spare time, can be used for: - experiments with your samples * - company tour PicoQuant <i>UO</i> - discussion - your own plans			
18:30 Opening reception until 21:00				

### Lecturers

MA = Manfred Auer  
 AB = Andreas Bültner  
 AD = Axel Dürkop  
 JE = Jörg Enderlein  
 RE = Rainer Erdmann  
 ZG = Karol Gryczynski  
 MH = Martin Hof  
 JH = Johan Hofkens  
 JL = Joseph R. Lakowicz  
 MP = Matthias Patting  
 MW = Michael Wahl

UO = Uwe Ortmann

### Hands-on companies \*

Horiba Jobin Yvon  
 Olympus  
 PicoQuant  
 Varian