

**Program of the IMPRS Summer School „Advanced microscopy“
(30.08 – 03.09.2010, Garmisch-Partenkirchen)**

	Montag	Dienstag	Mittwoch	Donnerstag	Freitag
9:00-10:30	Bus ride to Garmisch- Partenkirchen (Departure: 9:00)	Introductory presentations by participants	Scanning Electron Microscopy II (Schmidt)	Analytical Electron Microscopy (Kothleitner)	Super Resolution Imaging (STED, PALM,...) (Sauer)
		Coffee break	Coffee break	Coffee break	Coffee break
11:00-12:30		Transmission Electron Microscopy I (Lieberwirth)	Sample Preparation, Cryo Electron Microscopy (Walther)	Fundamentals of Optical Microscopy (Lippitz)	Electron Crystallography (Kolb)
13:00		Lunch	Lunch	Lunch	Lunch
14:00-15:30		Transmission Electron Microscopy II (Lieberwirth)	Excursion Zugspitze (Germany's highest mountain)	Confocal Microscopy: Theory and Applications (Hinze)	Bus ride to Mainz (Departure: 14:00)
		Coffee break		Coffee break	
16:00-17:30		Scanning Electron Microscopy I (Schmidt)	Near-Field Scanning Optical Microscopy (Naber)		
18:30	Dinner	Dinner	Dinner		