

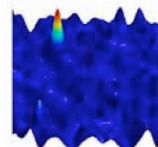
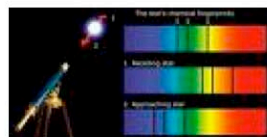
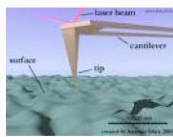
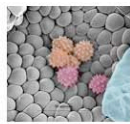
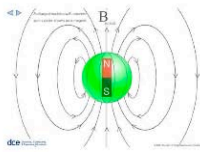
Biophysik II: Biophysical Methods

WS 2008/09

Stefan Diez

Vertretungsprofessur für Experimentalphysik -
biologische Physik und Physik der weichen Materie an der Universität Leipzig

Mo 1:30 - 3:00 pm, Room 224, 13.10.2008 - 7.2.2009, 14 Lectures



Overview:

1.	Introduction, Macromolecules, Chromatography	13-10-2008
2.	Mass Spectrometry	20-10-2008
3.	No Lecture	27-10-2008
4.	Ultracentrifugation, Electrophoresis, Light Scattering	03-11-2008
5.	Vibrational Spectroscopy (IR and Raman)	10-11-2008
6.	Fluorescence Spectroscopy	17-11-2008
7.	Light Microscopy (Basics)	24-11-2008
8.	Light Microscopy (Fluorescence)	01-12-2008
9.	Single Molecule Techniques	08-12-2008
10.	Scanning Probe Microscopy (AFM and SNOM)	15-12-2008
11.	Electron microscopy	12-01-2009
12.	X-Ray Cristallography	19-01-2009
13.	Nuclear Magnetic Resonance	26-01-2009
14.	Microfluidics, Lab on Chip, Electrophysiology	02-02-2009

Format: Lectures + original publications

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Lecture notes are handed out during the course.