

Time	Monday 11.02.2008	Tuesday 12.02.2008	Wednesday 13.02.2008	Thursday 14.02.2008	Friday 15.02.2008
8:15 – 9.00	<i>U.B. Kaupp:</i> Membrane potentials, ion channels, and pumps	<i>D. Feldmeyer:</i> Recording from brain slices	<i>R. Merkel:</i> Microscopy	<i>U.B. Kaupp:</i> Use of optical probes To measure membrane voltage	<i>C. Fütterer:</i> Microfluidics
9:15 – 10.00	<i>R.Seifert:</i> Electrophysiological measurement techniques	<i>A.Offenhäusser</i> <i>S. Ingenbrandt:</i> Extracellular recording and stimulation techniques	<i>I. Gregor:</i> Amplifiers and detectors	<i>U.B. Kaupp:</i> Rapid mixing techniques	<i>Practical Course:</i>
10.00 – 17:00	<i>Practical Course:</i> Recording from brain slices	<i>Practical Course:</i> Voltage and Ca ²⁺ imaging in living cells with optical probes	<i>Practical Course:</i> Combination of rapid mixing and dual- emission-ratio Techniques to measure voltage in sperm	<i>Practical Course:</i> Electrical and optical recordings from cardiac cells	Extracellular recording and stimulation
17.30 – 19:00		Lab Tour 1	Lab Tour 2	Evening lecture	