


Methods, IPC, Weber

<p>NMR-Spectroscopy</p> <p><i>Nuclear Magnetic Resonance</i></p>	<p>Model: Unit and Room: Responsible: Further information:</p>	<p><i>Bruker DSX-300</i> <i>Physical Chemistry, 5th floor, R. 504b</i> <i>Dr. Michail Lukaschek (203-6204)</i> <i>http://www.physchem.uni-freiburg.de/akweber/forschung/nmrfolder/index.html</i></p>
<p>Short Description:</p> <p>300-MHz solid-state NMR spectrometer</p>	<p>Picture of the Equipment</p> 	
<p>Available Experiments/Techniques:</p> <p>all currently available solid-state NMR methods</p>		
<p>Special Equipment:</p> <p>Optical sample excitation (various cw-lasers with different excitation wavelengths)</p>		
<p>Measurements on the equipment are currently done by:</p>	<p><input type="checkbox"/> Students <input type="checkbox"/> Students after Introduction <input checked="" type="checkbox"/> Students after extensive training <input checked="" type="checkbox"/> Trained scientific service personal</p>	
<p>Recent Publications, where this instrument was important (optional): Give citation</p>	<p>J. Chem. Phys. 117 (2002) 4550–4556</p>	
<p>Typical problems that may be solved with this instrument:</p>	<p>– <i>evaluation of viscoelastic properties (Rheo-NMR)</i> – <i>solid-state CIDNP experiments</i></p>	