


Methods, IOCBC, Breit

<h1>NMR</h1>	Model: Unit and Room: Responsible: Further information:	<i>Avance II 400 Organic Chemistry, R.809a Dr. Manfred Keller</i>
Short Description: 400 MHz instrument equipped with a BBO probe Year of Manufacturing: Console 2005 Magnet 1987	Picture of the Equipment	
Available Experiments/Techniques: 1D NMR spectroscopy of ^1H and X-nucleus 2D NMR homo- and heteronuclear ($^1\text{H}/\text{X}$) correlation with gradient support (X= ^{31}P -103Rh) 273K - Roomtemperature		
Special Equipment: Cooling Unit BCU05, Sample changer BACS-60, ATMA		
Measurements on the equipment are currently done by:	<input type="checkbox"/> Students <input type="checkbox"/> Students after Introduction <input type="checkbox"/> Students after extensive training <input checked="" type="checkbox"/> Trained scientific service personal	
Recent Publications, where this instrument was important (optional): Give citation		
Typical problems that may be solved with this instrument:	<i>Structure elucidation with standard 2D experiments</i>	