


Methods, IAAC, Hillebrecht

<h2 style="text-align: center;">UV-Vis Spectroscopy</h2>	<p>Model: <i>Varian Cary 1E UV-Vis Spectrometer</i> Unit and Room: <i>Inorg. Chem., R. 142, (Chem. I)</i> Responsible: <i>Dr. Thilo Ludwig</i> Further information: <i>http://portal.uni-freiburg.de/fkchemie/Ausstattung</i></p>	<p><i>Varian Cary 1E UV-Vis Spectrometer</i> <i>Inorg. Chem., R. 142, (Chem. I)</i> <i>Dr. Thilo Ludwig</i> <i>http://portal.uni-freiburg.de/fkchemie/Ausstattung</i></p>
<p>Short Description:</p> <p>Cary 1E UV-Vis spectrometer equipped with mercury UV lamp and halogen Vis lamp.</p>	<p style="text-align: center;">Picture of the Equipment</p> 	
<p>Available Experiments/Techniques:</p> <p>Absorption and diffuse reflectance measurements (190-900nm)</p>		
<p>Special Equipment:</p> <p>Sample holder for solid samples, integrating sphere for reflection measurements</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>Typical problems that may be solved with this instrument:</p>	<p><i>Characterization of optic transitions (absorption bands and band gaps), measurements on reflecting samples</i></p>	