


Methods, IMC, Mülhaupt

<p style="text-align: center;"><b>Transmission Electron Microscope</b>  (TEM)</p>	<p>Model: <i>ZeissCEM 902</i>          Unit and Room: <i>ZfN, Albertstraße 23,back building,          basement, room nr. 4</i>          Responsible: <i>Dr. Ralf Thomann</i>          Further information: <i><a href="http://www.fmf.uni-freiburg.de/service/dienstleistungen/mikroskopie/index_html/">http://www.fmf.uni-freiburg.de/service/          dienstleistungen/mikroskopie/index_html/</a></i></p>	
<p>Short Description:</p> <p>TEM machine with an acceleration voltage of 80 kV</p>	<p>Picture of the Equipment</p>	
<p>Available Experiments/Techniques:</p> <p>Transmission electron microscopy on a broad variety of samples, e.g. polymers, nanoparticles, biological samples etc.</p> <p>Best resolution for "typical samples" about 1.4 nm.</p>		
<p>Special Equipment:</p> <p>Sample preparation equipment</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>European Journal of Cell Biology 1999, Supp. 50, Vol. 79, p. 72</p>	
<p>Typical problems that may be solved with this instrument:</p>	<p><i>Morphological characterization</i>  <i>Particle analysis</i></p>	