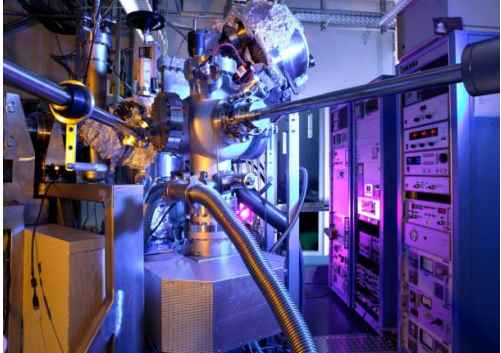


Methods, FMF, Fiederle

<p style="text-align: center;">MBE</p> <p style="text-align: center;"><i>Molecular Beam Epitaxy</i></p>	<p>Model: <i>RIBER 3200</i> Unit and Room: <i>04035</i> Responsible: <i>Tina Trautnitz, 203 4793</i> Further information:</p>	
<p>Short Description:</p> <p>MBE growth of ZnO thin films, possibility of in-situ RHEED and in-situ surface characterization by using an ESCA system</p>	<p style="text-align: center;">Picture of the Equipment</p> 	
<p>Available Experiments/Techniques:</p> <p>Thin film growth by MBE technique Characterization by XPS, UPS, RHEED</p>		
<p>Special Equipment:</p> <p>RF plasma source (Oxford Applied Research)</p>		
<p>Measurements on the equipment are currently done by:</p>	<p><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</p>	
<p>Recent Publications, where this instrument was important (optional): Give citation</p>	<p>Trautnitz et al. Journal of Crystal Growth 312 (4) 2010, p. 624-627</p>	
<p>Typical problems that may be solved with this instrument:</p>		