

ESO Portuguese Traineeship opportunities 2013

<b>4. Mechanical &amp; Cryogenic Department</b>	<b>Directorate of Engineering/Optics and Photonics Department</b>
<b>Job code</b>	<b>ESO-DE(4)</b>
Supervisor	Mr. Ronald Holzlöhner / Mr. Steffan Lewis
Education, knowledge and skills requirements	Degree in optical or electrical engineering or applied physics. Some knowledge of optical metrology and LabView advantageous.
Project information	<ul style="list-style-type: none"> <li>• Setting up high precision visible and infrared light interferometers, polarimeters, wavefront sensors, spectrum analyzers, laser beam metrology etc.</li> <li>• Defining standard solutions for recurring metrology needs and documenting them</li> <li>• Measurement control and logging through LabView, custom electronics</li> <li>• Work with advanced laser technology in a team of five engineers/scientists</li> </ul>
Learning opportunities for the Trainee	<p>State-of-the-art optical metrology and testing, both bulk and advanced fiber laser optics.</p> <p>Advanced LabView usage, measurement automation, laboratory electronics.</p>