

ESO Portuguese Traineeship Opportunities 2014

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