

Optical laboratory scientist

ASE Optics Europe is a dynamic company based in the vibrant city of Barcelona focused on the development of custom optics and integrated optical systems. We currently have a vacancy for a senior optical laboratory scientist to complement our existing team. The successful candidate will be involved in a great variety of projects cutting across fields as varied as medical, scientific or defense with one common theme: light. ASE Optics Europe covers projects ranging from the design and construction of custom optical lens systems to fully integrated optical systems such as OCT or laser optical radar. ASE Optics Europe also participates in funded R&D projects such as those available through CDTI or Horizon Europe.

We are looking for an optical laboratory scientist with interests in application-focused optical instrument development. We are looking for a motivated individual to work in a multi-disciplinary team on our on-going and future projects. Candidate profile: Graduate studies related to photonics, optical engineering, physics or equivalent experience. Background in optics or optical engineering and demonstrable experience in laboratory optical system construction, alignment and characterisation. Knowledge of optics handling procedures, optical alignment techniques and optical diagnostics is a must. The selected candidate will form part of a multi-disciplinary team of engineers and will also be expected to have a high level of independence and initiative.

Responsibilities:

- Optical instrument construction and characterization
- Optical systems and beamline alignment
- Collaboration in development of assembly and characterization procedures of integrated optical systems
- Collaboration with engineers during system design to facilitate practical integration
- Participate in brainstorming sessions on e.g., feasibility of in-coming projects

Requirements:

- Practical experience in optical alignment and optical characterization techniques
- Strong knowledge of optics and optical systems
- Good understanding of optical diagnostics and metrology
- Good use of English or Spanish

Preferred:

- Experience in optical design – Zemax, CODE V.
- Experience in development of hardware control software through Python, Matlab or equivalent
- Knowledge of electronics and component integration

Conditions and benefits:

- Inclusion in a motivated multi-disciplinary team
- Innovative work, always at the forefront of technology
- Opportunities for training and personal development
- Full-time employment

Submission of applications

Interested professionals should send their **CV and cover letter** using the following channel:

- Submission form in our [WEBSITE](#)