

**DATE: 02 May 2024**

**Job offer No. REC2024\_03**

**Position: Optical 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 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 both national and European.

Candidate profile: PhD studies related to photonics, optical engineering, similar. The candidate will have a 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 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:**

- PhD in related field
- Practical experience in optical alignment and optical characterization techniques
- Strong knowledge of optics and optical systems
- Understanding of optical diagnostics and metrology
- Proficient in English, oral and written. Other languages will be a plus.

**Preferred:**

- Knowledge in optical design and using optical design software (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:

- e-mail to: [recruitment@aseoptics.com](mailto:recruitment@aseoptics.com)

All applications and e-mails received by other means will be discarded.