

DATE:

Job offer No. REC2024_07

Vacancy: Senior mechanical engineer

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 mechanical engineer 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 defence 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.

Candidate profile: Graduate studies related to mechanical engineering, ideally PhD. Background in mechanical engineering, tasks of mechanical CAD design and generation of documentation from prototyping to manufacturing. Knowledge of optical alignment techniques and FEA is a plus. The selected candidate will form part of a multi-disciplinary team of engineers leading the mechanical team.

Responsibilities

- Leading the optomechanical design team
- Mechanical design using CAD tools.
- Preparation of manufacturing and assembly drawings.
- Manufacture and assembly of tooling and prototypes.
- Preparation of technical documentation: BoM and technical procedures.
- Participation in project brainstorming meetings with the rest of the team.
- Collaboration with the rest of the engineering departments: optics, electronics and mechanics for the integration of the systems.

Requirements

- Fluent with CAD software Solidworks.
- Experience in optomechanical design and system integration.
- Good English level written and spoken.
- Office Package user level.
- Leadership skills.

Preferred:

- Management experience
- 3D printing manufacturing
- Fluent with FEA

Benefits

ASE Optics Europe - C/ Cerdanya 44. 08820 E Prat de Llobregat (Barcelona, SPAIN) – VAT: B65572810

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- Inclusion in an expert, motivated and multidisciplinary team.
 - Innovative projects, related to the latest technologies.
 - Real opportunities for professional development within the company.
 - Full time with intensive working hours on Fridays.

Submission of applications

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

- Submission form in our [WEBSITE](#)

All applications and e-mails received by other means will be discarded. Any questions regarding the position can be raised using the form above.