

Vacancy: 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 an opening for a mechanical engineer to complement our existing technical 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 pushes its R&D capacity through its participation in publicly funded R&D projects such as those available through H2020 (e.g. www.optogenerapy.eu).

We are looking for a mechanical engineer with interests in application-focused instrument development and integration. We are looking for a motivated individual to work in a multi-disciplinary team on our on-going and future projects. The candidate should have solid experience in the design and assembly of mechanical parts in Solidworks. Knowledge of optics and /or electronics would be a plus. The selected candidate will benefit from evolving within a team of senior engineers and be expected to have a high level of independence and initiative. The integration of the selected candidate within ASE's existing team will ensure a training of the individual in optical mounting techniques and design, and the integration of opto-electronic components.

Responsibilities:

- Design of 3D components for mounting optical elements
- Integration of optical systems in instruments
- Production of build-to-print drawings
- Management of interfaces with CAD teams external to ASE
- Participation in brain-storming sessions to home in on the best solution for each new project
- Collaboration with optical, mechanical, electronic and software engineers to facilitate integration

Requirements:

- Skilled in the drawing of mechanical components in Solidworks
- Skilled in the assembly of components in Solidworks
- Good use of English or Spanish
- Good team player

Preferred:

- Experience in or knowledge of optics

- Knowledge of electronic components integration

Benefits:

- Competitive industry salary
- Flexible working hours with possibility of full time or part time contract
- Inclusion in a motivated multi-disciplinary team
- Innovative work, always at the forefront of technology
- Opportunities for training and personal development