

## The company:

Located in Belgium (Liège), AMOS (Advanced Mechanical & Optical Systems) is a company specialized in the development of ultra-high opto-mechanical systems, mostly dedicated to space industry and professional astronomy.

Our technologies, products, and services contribute to the progress of humanity while increasing our know-how, creating a safer world, and making human activities more efficient and friendly to the environment.

Since 1983, AMOS is an internationally recognized player who works with prestigious clients and partners around the world. More than 100 passionate employees put their expertise at the service of the development of innovative solutions, while respecting the values of the company:

- Team spirit, to unite individual strengths and assets to achieve collective success
- Excellence, through the commitment and quality of everyone's work
- Respect, through recognition by listening, openness and consideration, whether colleague, partner, or client

In order to strengthen its teams, AMOS is looking for **an Optical Manufacturing Engineer (M/F)**

## Your function:

**Within the optical manufacturing workshop, you will be part of the team for shaping optical surfaces by ion beam (IBF – Ion Beam Figuring).**

**For this high-precision mission, you will play a central role in the implementation of production operations and the monitoring of installation's maintenance, for which you will be in charged.**

### Your mission:

- Set up and validate, based on data received from our "Metrology" department, the production protocol allowing the development of nanometric quality mirrors.
- Design algorithms based on internal and external software.
- Follow and coordinate the production flow steps of the equipment for which you will be responsible.
- Report on the progress, deviations, and necessary corrective actions.
- Take a critical look at IBF manufacturing sequencing.
- Be proactive in the evolution of tools and production methods.
- Ensure preventive and corrective maintenance of equipment.
- Take part to continuous improvement projects, particularly with a view to reducing "Nonconformities" and "queuing" for manufacturing.

## Your profile:

- You are a Physicist Engineer or have a similar degree of equivalent level.
- You have a first experience in one or more of the following fields: vacuum techniques, the use of ionic sources for high precision machining, the electro-technique of automation systems and control of complex hybrid systems, metrology, and optical calculations.
- You master Excel and standard programming languages (LabView, Matlab...).
- You are motivated by technological challenges.
- You are willing to work flexible hours, especially on certain Saturdays.
- You are fluent in English.
- You demonstrate rigor, precision, organization and have a desire for continuous improvement.
- You are pragmatic, concerned about respecting technical and planning commitments.

- You are a team player and show serenity and optimism when facing the ups and downs of high precision manufacturing world.
- You share your know-how and thus ensure the enrichment of technical knowledge within your team.

### Our offer:

- An exciting international business sector, at the forefront of technology.
- A teamwork in a friendly environment.
- Learning and evolution opportunities.
- The opportunity to participate to short-term missions abroad
- A permanent contract with a complete salary package.

**Willing to take on this challenge? Send your application to Sandrine Naa, Administrative Assistant, to [jobs@amos.be](mailto:jobs@amos.be), with the reference « Optical Manufacturing Engineer ».**