

Introduction:

SAM|XL is a recently founded collaborative research centre of the Delft University of Technology (DUT) and several Industrial partners in the province of South-Holland. As a 100% subsidiary of DUT, SAM|XL aims at enabling Aerospace manufacturing companies to make optimal use of smart advanced manufacturing.

World-class research from both the Faculty of Aerospace Engineering and the Cognitive Robotics Department of the Faculty of Mechanical Engineering is combined with challenges from industry. In a dedicated factory space of 2000 m² SAM|XL is building a variety of large-scale, near production ready, automated manufacturing cells to conduct its development projects, in close collaboration with engineers from the partnering companies. More information about SAM|XL can be found [here](#).

SAM|XL is looking to recruit an engineer to join our Automated Manufacturing team.

The Vacancy:

In this role you will be working on state-of-the-art industrial automation systems for the aerospace industry. Together with colleagues, you will be designing, implementing, testing and operating highly complex automated manufacturing cells. With these cells SAM|XL will, together with its partners develop novel ways of manufacturing aerospace parts and structures (e.g. fuselage panels, wing assemblies, space structures).

Your day-to-day activities will include: programming industrial robots and PLCs, putting together existing software components in ROS in order to create new functionalities, working together with Industrial companies on their automated manufacturing challenges, and guiding students and staff in their experiments with SAM|XL equipment.

For this role we are looking for an enthusiastic and ambitious new team member who wants to contribute to the future of (European) aerospace manufacturing.

You will bring:

- MSc or Bachelor in Aerospace, Mechanical or Manufacturing engineering.
- Experience with configuring, programming and operating industrial manufacturing equipment (experience with industrial robots is a plus)
- Experience or Affinity with advanced manufacturing (experience with lightweight structures and especially composite materials is a plus).
- Experience with developing new industrial manufacturing techniques (preferable for composite processes).
- Excellent communication skills.
- Ability to collaborate with both Academia and Industry in the context of EU-funded research programs.
- Demonstrated ability to turn state-of-the-art research into practice.

What we offer:

- An innovative working environment, start-up look-and-feel.
- A motivated team that has big plans for the future.
- Access to large-scale industrial automation equipment.
- Ability to work together with many of the leading entities in the European Aerospace Industry.
- Attractive remuneration (incl. holiday allowance and end-of-year bonus).
- Employment under [Collective Labour Agreement](#) of the Dutch universities:
 - 38 hours working week (with the ability to work/more hours in return for holiday hours)
 - Very good work-life balance (232 holiday hours based on full-time)
 - Plenty of personal development and vocational training opportunities

Contact:

If you are interested in this vacancy, you can respond by directing your message to:
Dr. Kjelt van Rijswijk (CEO, SAM | XL) (info@samxl.com)

You can also take a look at our website: www.samxl.com (under heavy development, open for feedback!)