

19/03 - Assembly Integration and Tests Team Placement

Thales Alenia Space in the UK Ltd

Please note:

Applicants must have the legal authorisation to reside and work in the UK in order to be considered for this placement

Priority consideration will be given to applicants that are towards the final stages of academic study or have recently completed their study.

Location

Building Atlas Center R27, Office F24, Fermi Avenue, Didcot OX11 0FA

Company Description

Thales Alenia Space (TAS) has more than 40 years' experience in designing, integration, testing, operation and commissioning of innovative space systems. Using some of the world's most sophisticated technologies, we meet the needs of a variety of commercial, government, scientific and security customers. Our teams create the technology to monitor our oceans, help us better understand climate change and drive scientific progress. We also have developed key parts for the International Space Station and play a pivotal role in exploring the universe.

Thales Alenia Space in the UK (TASitUK), started in 2014, has over 160 employees between three sites in Bristol, Harwell and Belfast. In the TASitUK specialises in early stage technology development, satellite propulsion, radiation hardened electronics, small satellite design and assembly.

Project Description

Assembly Integration and Test activities must be performed using procedures in accordance with ISO rules. Therefore the AIT team need to run procedures based on documentation generated by the engineering department that can be supplied in different formats. The goal of the project is to avoid unnecessary paperwork in the AIT work area while providing all the information to the team performing the tasks. The output will be a tool to enable AIT activities to be run in a paperless manner while maintaining traceability during AIT activities.

The length of the placement is 12 months.

Student Specification:

The student is required to have an open mind and be highly adaptable. A knowledge of Space technology and systems is helpful but not mandatory.

Desirable traits include:

- A desire to learn about AIT in the space industry
- Some knowledge of Lean Manufacturing Principles
- Ability to manage programs interfaces
- Ability and willingness to give presentations in meetings
- Ability to evaluate the need of every skills, and to make efficient synthesis
- Comfortable at both working alone and working in small teams of up to ten;

The work will be aiming to enhance the knowledge and capability of the AIT Team for future mission requirements. Therefore, the most important requirement is a desire, willingness and capacity to learn.

Suggested courses include Manufacturing, Space, Aerospace, Systems Engineering, Avionics

Closing Date for Applications: Thursday 14th February 2019

Applications will be through the online form attaching a CV, before the closing date. They will be forwarded to the employer.