

**Project Title: 18/12 Optical Systems Team Placement**

**Company: Surrey Satellite Technology Ltd**

**Supervisor: Dr Kathryn Graham**

**Location: Tycho House, 20 Stephenson Road, Surrey Research Park, Guildford, Surrey GU2 7YE**

**Company Description:** Surrey Satellite Technology Limited (SSTL) is the world's leading small satellite company, delivering operational space missions for a range of applications including Earth observation, science and communications. The Company designs, manufactures and operates high performance satellites and ground systems for a fraction of the price normally associated with space missions, with ~500 staff working on turnkey satellite platforms, space-proven satellite subsystems and optical instruments.

Since 1981, SSTL has built and launched 47 satellites for 20 international customers – as well as providing training and development programmes, consultancy services, with an innovative approach that is changing the economics of space

**Project Description:** The role within Optical systems would be aligned to the activities required by the workload generated by the projects progressing through the company but generally a placement student could expect to cover everything from initial concept design through to hands on practical assembly, test and verification. Suitable candidates will have a passion for space or astronomy and a drive to learn and deliver their best. As an imager covers such a wide number of subsystems from electronics and software through to optical fundamentals and mechanical design, SSTL are open to consider a wide range of disciplines and would consider a placement student studying for a mechanical / aerospace/aeronautical / electrical / physics or software degree, with some experience of CAD design, optical, software programming packages as desirable.

**Applicant Specification:**

Student currently studying in one of the following areas:

- Aerospace, Aeronautical , Mechanical, electrical, Physics or software Engineering
- Some knowledge of CAD design, optical or software programming desirable
- Self-reliant
- Enthusiastic
- Quick learner

**Further details:**

8 weeks minimum fixed term contract to be agreed with successful candidate but nominally with a start date around 25 June 2018. Salary is £1,500 per calendar month.



**Closing Date for Applications: 21 March, 2018**

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