



The University of
Nottingham

UNITED KINGDOM · CHINA · MALAYSIA

SABRE Postgraduate Internship Programme 2016

Assisting innovative companies to develop products and services in the space sector



Background and focus

Over the past two years, GRACE has developed a very successful summer internship programme. We have been able to place some of the most talented post-graduate researchers from across Europe with companies in the space and satellite applications sector. As a result, they have helped a wide range of companies to develop new products and services requiring their specialist skills and knowledge.

For 2016, we have updated and extended the programme to make it more responsive to the needs of industry and interns.

The 2016 programme is made up of several calls for projects during the year. We are looking for companies with a positive attitude to product and personal development; that are able to provide projects that challenge an intern with at least a first degree in a STEM subject, and give them experience of taking a major role as a specialist on a project.

Timetable

There will be a multiple of calls for projects throughout 2016.

- First call: 29th January to 19th February (12:00 noon)
- Second call: 22nd February to 29th April (12:00 noon)

Subject to availability and funding, further calls will be announced later in the year.

Internship duration

We expect that projects should last 10 to 13 weeks*. However, the length of the project will depend on the nature of the work and will be agreed before the internship commences.

The timing of the start and completion of the project will be subject to the availability of a suitable postgraduate intern and the requirements of the project.

(* based on a standard five-day working week of 7.5 hours per day)

Support from GRACE

GRACE will provide financial and any appropriate in-kind support for 10 to 13 weeks. This will be agreed before the start of the project and may be reviewed if there are any significant changes to the project.

Payment to the intern

The intern will be employed by The University of Nottingham at a rate of £10.03 (which includes holiday pay).

Contribution from the company

The company will contribute £5.00 per hour, to be invoiced at the end of the internship. If it is agreed that the project will be supported beyond the initial 10 to 13 week period, any balance will be paid on completion.

In addition, there will be an initial charge of £510 (inc VAT) for each successful project, to cover administration of the project and student selection.

Selection criteria for companies / projects

Selection will be according to the quality of the project and the availability of funding.

Companies will be selected according to the quality of the proposed project and the ability of the company to provide appropriate supervision or mentoring of an intern to complete the project. GRACE will work with the company to co-mentor and provide any additional support needed; this may include access to specialist positioning and navigation test facilities, or academic support.

The First Call is for innovative start-ups and small companies (under 50 employees) that require additional support to develop new products or services.

To qualify, the project should use data derived from satellites, or contribute to the space industry. We are looking for projects that last 10 weeks, but this may be extended where appropriate through negotiation. The project may involve the intern working on their own or as a specialist within a team.

Applications to be submitted through the GRACE website by 12 noon on the 19th February.

The Second Call is open to any company.

To qualify, the project should use data derived from satellites, or contribute to the space industry. We are looking for projects that last 10 weeks, but this may be extended where appropriate through negotiation. The project may involve the intern working on their own or as a specialist within a team.

Applications to be submitted through the GRACE website by 12 noon on the 29th April.



Selection criteria for Interns

We are inviting postgraduates in STEM subjects to submit their CV and a covering letter that demonstrates their motivation and the type of work they would be most interested in undertaking.

Criteria

- Postgraduate, or student about to complete their first degree this summer 2016
- Have an interest in working in the space industry

On your CV or covering letter, please specify:

- Main topics studied at University
- Work experience
- Computer programming skills (including your level of competence) e.g. Matlab, Python C++

Each application will be assessed by GRACE staff to match applicants to suitable projects. The host company will make the final decision on who they believe would be the most suitable person to complete the project.

Benefits to the host company

- Your company will be working with a highly motivated individual with up-to-date specialist knowledge, relevant to a project that will benefit the company commercially.
- Completion of a project that you may not have had the skills or resources to carry out.
- Introduction to someone who could have a long-term future with the company.
- Develop the personal management and mentoring skills of existing members of staff.
- Access to the GNSS positioning and testing facilities at the Nottingham Geospatial Institute.

Benefits to the intern

- Introduction to working in the space industry with a company committed to supporting you.
- Take part in a project that will both challenge you and make practical use of your existing knowledge and skills.
- An opportunity to make friends and build a network with people in the space industry.
- Build relevant experience and provide practical examples of your abilities for inclusion on your CV, including a reference from your host company.
- Show your host that you can benefit the company on a permanent basis.

Timeline

- 19 Feb: Closure of the first call for projects from small companies
- 22 - 24 Feb: Selection of projects, and arrangement with companies of the timeline for their project
- 29 April: Closure of the second call for projects from any company with an interest in the space industry
- 3 - 13 May: Selection of projects, and arrangement with companies of the timeline for their project

How to get involved

Visit our website www.grace.ac.uk and follow the link to SABRE Postgraduate Internship Programme 2016. It will provide details of the information required from host companies and postgraduates to enable you to take part. If you require further information, please contact the GRACE team at info@grace.ac.uk

This scheme is open to EU companies, or companies that have a presence in the EU.

REMEMBER

- Applications for the first call must be received by 19 Feb (small companies) and for the second call 29 April (all companies).
- Applications for students can be received anytime during the year (however we advise you apply as soon as you can)

