

The UPC LRG offers internships to work in a space project in a highly motivated team with strong international connections.

The internship includes the payment of the enrolled ECTS credits but there is no funding for salary

Skills

Programming skills in one or several languages: Matlab, C, Python

How to apply

Send a short CV and a short motivation letter to:

oscar.van.der.velde@upc.edu

The deadline is the 12th of April, 2018.

The selection of the candidate will be made during April. Interviews might be required.

Work dedication

Orientative:

May: 10h/week

June: 20 h/week

July: 30 h/ week

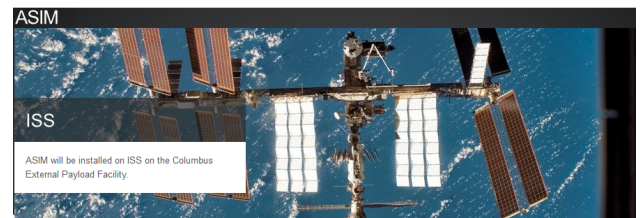
September: 30 h/week (2 weeks)

Total: 300 h

Internship at the UPC Lightning Research Group

Position 1: ISS-ASIM

We are looking for a candidate to work with us in our research activities related to the ESA's ASIM mission. The UPC Lightning Research Group established ground based facilities in Europe, Africa and South America as support to the ASIM observations from the ISS. ASIM will be launched on the 2nd of April and its operation will start soon after its setup at the payload of the Columbus module.



Tasks

- Organizing ASIM and ground based data.
- Systematic verification of the operation of the ground support facilities: eg. Lightning Mapping Array in Spain and Colombia, high speed video instruments, ELF station of Cape Verde,
- Preparation of codes for analysis of TGF detected by ASIM and our ground based data.
- Study of events.
- Keeping our website updated.
- Participation in research studies, activities, campaigns and cooperation with other ASIM scientific teams.