

# INTERNSHIP OFFER

## Product Assurance – Quality Assurance

### 1 UNIVERSITY SPACE CENTER OF MONTPELLIER

The University Space Center of Montpellier (CSUM) is the French leader in the development and operation of nanosatellites developed by students. It has acquired in-depth competences in the field of design, manufacturing, testing and operation of nanosatellites and their subsystems, as well as in the area of space project management and product assurance in the framework of university space projects. The CSUM has an AIT (Assembly Integration and Test) Facility, a CDF (Concurrent Design Facility) and both UHF and S-band Ground Stations. The CSUM develops its own 1U and 3U CubeSat nanosatellite platforms with the support of the Van Allen Foundation and both the French and the European space agencies in the frame of Fly Your Satellite! And Janus programs.

### 2 INTERNSHIP DESCRIPTION

The ENSO project is a 1U CubeSat that shall collect data from remote region in Antarctica to mission control center in Montpellier. It shall demonstrate the capability for Expleo to acquire skills in innovative space project and validate the ROBUSTA-1U nanosatellite platform in low earth orbit.



The student shall take part into Product assurance activities (configuration management, documentation tracking, non-conformance investigation, reliability analysis ...)

Skills/Languages: space engineering, space project management, ECSS

Level: Master

Location: Centre Spatial Universitaire de Montpellier - 950, rue de St Priest - Bâtiment 6

Preferred starting date: 01/11/2019 - Duration: 6 months

Supervisor, Function at CSUM: Muriel BERNARD, Quality & Dissemination Manager

### 3 CONTACT

Please apply at: <https://questionnaire.umontpellier.fr/index.php/231952?lang=en>