

Job Opportunity at UC3M



Background:

From 2019 to 2022, UC3M coordinated the EC-funded project with acronym E.T.PACK (www.etpack.eu). In collaboration with other 5 European institutions, the E.T.PACK team developed a deorbit device based on electrodynamic tether technology with TRL 4. Starting in September 2022 and funded by the EIC with a total budget of 2.5 M€, the EIC Transition project with acronym E.T.PACK-Fly will increase the maturity of the deorbit device up to 8 (flight model). An in-orbit demonstration will be performed in 2025. UC3M is open to receive CVs from potential candidates that would like to join the E.T.PACK-Fly team and work on the development of the deorbit device.



Description of the offer

Duration: 01/09/2022 - 31/08/2023 (+1.5 year renewable if objectives are accomplished).

Tentative Gross annual salary: 14 pays of 1.200 - 2.100 € (This range is not fixed. The salary can be negotiated depending on the qualification of the candidates)

How to show interest

Send the following documents to gonzalo.sanchez@uc3m.es by **July 15th, 2022**

- Motivation Letter
- Short CV (maximum 4 pages)
- 1 recommendation letter.

Specific tasks to be developed during the contract

- Mission analysis.
- Operations and ground segment design.
- Ground segment assembly, integration, and testing.
- Avionics and onboard software.
- Managerial tasks like preparation of Deliverables, agenda, and minutes preparation, etc.

Skills/ Qualifications

1. Desired skill/qualifications for Ms. candidates (to develop a PhD thesis at UC3M)
 - Bs. and Ms. in Aerospace Engineering or related areas.
 - Excellent academic record.
 - International experience.
2. Desired skills/qualification for Postdoctoral Researchers
 - PhD on Aerospace Engineering or related areas
 - Experience on Space Systems: ground station, avionics, and onboard software.
 - Strong research record validated by publications in peer-review journals
 - Ability to establish scientific and industrial contacts for cooperative projects
 - International experience and mobility.

Specific Requirements

- Excellent English speaking and writing skills.
- Team-building and team-working skills.
- Critical and innovative thinking, interdisciplinarity.