

## VACANCY NOTICE: CTAE-VN-2013-03 – RESEARCH ENGINEER in UNMANNED SYSTEMS

### About ASCAMM - CTAE

The Aerospace Technology Centre (CTAE) is a non-profit foundation set up in 2005 by Academia, Government and Industry in the region of Catalonia (Spain) aiming to enhance industrial competitiveness and promote innovation by providing research and technological developments services based on aerospace technologies.

Recently, CTAE has been integrated into ASCAMM foundation, a leading private, non-profit organization specialised in design and production technologies, which has been developing its activities for almost 25 years in:

- Industrial R&D
- Technical Assistance
- Knowledge Transfer

Ascamm Foundation has a strong focus on the generation of technology for the creation of high added value, market-oriented products and processes.

### Research Engineer in Unmanned Systems

The applicant shall work on a European project dealing with developing of robotic systems for search and rescue operations. He/she will be involved in the development of an aerial autonomous vehicle and the integration of multiple sensors (GNSS, inertial, laser, electro-optical sensors, etc) for navigation as well as data fusion on a collaborative heterogeneous unmanned systems scenario.

Besides excellent communication and team skills, the applicants should possess advanced experience with C++ and the desire to do applied research in the area of mobile robotics.

### Required Skills

- MSc in Engineering / Computer Science or equivalent.
- 3-6 years of previous experience (Related PhD is an asset).
- Experience with Robotics, Computer Vision or Image Processing.
- Advanced experience with C++.
- Very good knowledge of English is required. Any other language is an asset.
- Ability to work independently and in a team.
- Excellent communication skills, flexibility and creativity.

### Appreciated skills and experience

- Design & operability of small UAVs.
- Experience with ROS (Robot Operating System)
- Experience with digital electronics.
- Experience with sensors integration (GNSS, inertial, etc)

### Application Procedure

Send the **CV and motivation letter as a single PDF** by email to [daniel.serrano@ctae.org](mailto:daniel.serrano@ctae.org).

Add to the subject line the job vacancy code: CTAE-VN-2013-03



**Fundació Privada ASCAMM/Aerospace Technology Centre (CTAE)**

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