

Marine UAS Job Vacancy:

The Center for Advanced Aerospace Technologies (FADA-CATEC) is recruiting one Research Engineer in the framework of the H2020 ITN Marine-UAS (<http://www.marineuas.eu>).

The selected candidate will be working in advanced and challenging UAS technological projects in a collaborative and team environment. Moreover, the successful applicant will participate in the training activities organized by MarineUAS partners, and then, will have the opportunity to interact with world class researchers from around Europe.

Desired background of the candidates: We seek highly motivated engineers with a master degree in Robotics, Mechatronics, Electrical and Computer Engineering, Computer Science or related areas. Previous experience in practical UAS development, C/C++ experience, design of user interfaces and use of ROS system will be positively evaluated. Also, it is required that candidates have a fluent level of English, both writing and speaking. Finally, it will be positively evaluated that the candidates hold a university degree that gives access to doctoral studies in Spain (approvable official Master's Degree in Engineering).

Duration: The contract will be awarded for 12 months and with a predicted starting date between July 1, 2017-September 1, 2017

Salary: Around 36K€ per year gross salary (net salary will depend on taxation according to Spanish national law) plus 600€/month for mobility allowance and 500€/month for family allowance (subject to family situation).

To apply, interested candidates should send their complete CV and the contact details of 3 references to Antidio Viguria (aviguria@catec.aero).

IMPORTANT: Eligibility criteria of the potential candidates.

To be eligible for the position, each engineer/researcher must simultaneously fulfil the following criteria at the time of recruitment.

1. Nationality: The researcher may be of any nationality.

2. Mobility: At the time of the recruitment by FADA-CATEC, researchers shall not have resided or carried out their main activity (work, studies, etc.) in Spain for more than 12 months in the 3 years immediately prior to the reference date. Compulsory national service and/or short stays such as holidays are not taken into account.

3. Research experience: the applicants must enter within the category "Early stage researcher". This means a researcher who, at the time of recruitment, has not yet been awarded the doctorate degree and is in the first 4 years (full-time equivalent) of his/her research career.

FADA-CATEC is an aerospace research center (<http://www.catec.aero/en>) oriented to applied research and technological development and located in Seville (Spain). The Avionics and Systems Dept. has an important activity in the development of UAS/RPAS technologies, being one of the most important research centers for civil UAS/RPAS in Spain. The Department is composed of a team with 20 engineers/technicians and a large international experience, having participated in 7 FP7 projects related with UAS and aerial robot technologies (ARCAS, EC-SAFEMOBIL, PLANET, CONET, MUAC-IREN, FieldCopter and euRathlon), and being the coordinators of 3 of these projects: ARCAS (<http://www.arcas-project.eu/>), EC-SAFEMOBIL (<http://www.ec-safemobil-project.eu/>) and MUAC-IREN (<http://www.muac-iren-project.eu/>). The Department is also participating in 2 SESAR projects (DEMORPAS and ARIADNA) and 1 CleanSky project (DIAMMOND). On the other hand, the Department has a significant track record in international competitions and awards (best 5 teams in Europe within EUROCC, best 26 teams worldwide within MBZIRC, Special Innovative Award of the 1st EU Drones Award). Finally, the Department has participated in the last 5 years in more than 20 Spanish R&D projects related with aerial robot and UAS technologies working directly with companies such as: Deimos, GMV, Isdefe, INDRA, etc.

MarineUAS is an international training programme for highly motivated young engineers and researchers, where state-of-the-art research is combined with a comprehensive training program. MarineUAS addresses the needs of European companies and society for unmanned aerial systems for marine and coastal monitoring, through training on cutting edge research in this rapidly emerging interdisciplinary field. The network is funded by the European Community's Horizon 2020 Framework programme, under the Marie Skłodowska Curie Innovative Training Network scheme.