

VACANCY NOTICE

Flight Dynamics Software Application Engineer

EUMETSAT is Europe's meteorological satellite agency. Its role is to establish and operate meteorological satellites to monitor the weather and climate from space - 24 hours a day, 365 days a year. This information is supplied to the National Meteorological Services of the organisation's Member and Cooperating States in Europe, as well as other users worldwide.

EUMETSAT also operates several Copernicus missions on behalf of the European Union and provide data services to the Copernicus marine and atmospheric services and their users.

As an intergovernmental European Organisation, EUMETSAT has 30 Member States (Austria, Belgium, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, The Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom).

EUMETSAT is now inviting well qualified candidates from its Member States to apply for the following post:

POST: Flight Dynamics Software Application Engineer

LOCATION: Darmstadt, Germany

**DURATION
OF INITIAL
CONTRACT:**

The initial contract will be of 4 years' duration, with subsequent 5 year contracts being awarded thereafter, subject to individual performance and organisation requirements. There is no limit to the amount of follow-up contracts a staff member can receive up to the EUMETSAT retirement age of 63 and there are certainly opportunities to establish a long career perspective at EUMETSAT.

BACKGROUND: Within the Mission Control Applications and Tools Competence Area (MCAT CA) of the Generic Systems and Infrastructure Division (GSI), the holder of the post is responsible for the engineering and maintenance of the Flight Dynamics software applications and the related tools used within the EUMETSAT ground systems, including management of relevant support and service contracts.

DUTIES:

The main duties are to:

- Perform the engineering and maintenance of supporting Flight Dynamics (FD) software applications and related tools;
- Manage all technical aspects of maintenance and support contracts with industry/service firms, including monitoring and controlling contractors' performance against agreed contractual terms and service level agreements;
- Lead the definition and execution of maintenance procedures, lead reporting, correction of anomalies, handling of evolutions and improvement of maintenance processes and working practices;
- Interface with the Flight Control Team, as the operational user of FD software applications, for anomaly investigation, definition of corrective and evolving activities and mid-term planning of maintenance tasks and deliveries;
- Support the definition, design and development of cost-effective, new or re-engineered, FD applications adopting up-to-date technologies and ensuring consistency and consolidation of Mission Planning functions across EUMETSAT's systems;
- Support the development of new ground segment systems, through the specification of requirements, design, development and testing of FD functions;
- Contribute to the development and maintenance of Flight Dynamics Applications knowledge and skill-base within the competence area.

QUALIFICATIONS:

- University degree (or equivalent) in a relevant discipline (i.e. Software Engineering, Computer Science).

SKILLS AND EXPERIENCE:

- Demonstrated experience of engineering, development, maintenance and testing of Flight Dynamics Applications, in support to spacecraft mission operations lifecycle;
- Proven knowledge of the NAPEOS Flight Dynamics software suite licensed by NAPEOS;
- Demonstrated knowledge of Flight Dynamics functions and algorithms used within Low-Earth Orbit (LEO) and Geostationary (GEO) missions;
- Knowledge of standards (e.g. CCSDS) relevant to the Space Mission Control and Flight Dynamics domain and/or any open source, commercial or custom Flight Dynamics applications adopted by other satellite operators would be an advantage;

- Extensive experience maintaining large scale software systems in an operational environment, preferably related to high-availability (24/7) applications;
- Knowledge and demonstrated experience in the following software engineering areas:
 - Software development lifecycles with formal production and maintenance of technical documentation, such as: Software Requirements Specifications (SRS), Architectural Design Documents (ADD) , Interface Control Document and Test Plans;
 - Software design methodologies (e.g. OOA/OOD), design languages (i.e. UML) and CASE tools;
 - Fortran and Java programming languages and related development environments as well as open source solutions and technologies;
- Strong planning, analysis and presentation skills, coupled with a high-degree of interpersonal awareness and experience working as part of team.

The official languages of EUMETSAT are English and French. Candidates must be able to work effectively in English and have some knowledge of French.

CLOSING DATE: 04 June 2018

Interviews are tentatively scheduled for week 28/2018.

Applications in English or French should be sent via our online form (attaching curriculum vitae and covering letter quoting Reference VN(18)37) at

www.eumetsat.int

This post is graded A2/A4 on the EUMETSAT salary scales. The minimum basic salary for this post is EURO 5,443.81 per month (net of internal tax) which may be negotiable on the basis of skills and experience. The salary scale provides for increments on the anniversary of taking up employment, and scales are reviewed by the EUMETSAT Council with effect from 1 January each year. In addition to basic salary, EUMETSAT offers attractive benefits. Further information, including salary details, is available on the EUMETSAT web site.

EUMETSAT is committed to providing an equal opportunities work environment for men and women.

Please note that only nationals of EUMETSAT Member States may apply. The EUMETSAT Convention requires that Staff shall be recruited on the basis of their qualifications, account being taken of the international character of EUMETSAT. EUMETSAT does not operate a nationality quota system but, in recruiting Staff members, the geographical distribution will be taken into account.