VN 24/42 Copernicus Data Processing Operations Engineer (Closed)

We do not accept further applications for this role.

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 States in Europe, as well as other users worldwide.

EUMETSAT will also operate, on behalf of the European Union, Copernicus satellites and instruments (Sentinel-3, Sentinel-4, Sentinel-5, Sentinel-6 and Sentinel-7) to provide data and support services to Copernicus users on marine information, atmospheric composition and climate change.

Reporting to the Copernicus Data Processing Team Leader, the Copernicus Data Processing Operations Engineer conducts and supports operations of the data processing and product extraction systems for Copernicus missions exploited by EUMETSAT, and supports the evolutions of those systems. The Copernicus Data Processing Operations Engineer will also support the coordination of the operations build up for the Copernicus Sentinel-7/CO2M mission, the Copernicus Anthropogenic Carbon Dioxide Monitoring mission.

Duties

- Support the Sentinel-7 CO2M Payload Data Processing (PDP) development activities, including the assessment of deliveries, and contribution to verification, and operational validation activities;
- Prepare for the operations of the Copernicus Sentinel-7
- Coordinate the routine operations for the data processing and product extraction systems delivering Level 0 to Level 2 products for Copernicus missions exploited by EUMETSAT;
- Contribute to the performance monitoring and analysis of Copernicus data processing services

LOCATION

Darmstadt, Germany

QUALIFICATIONS

A University degree in an engineering or scientifically relevant discipline or equivalent professional experience.

LANGUAGES

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

DEADLINE

5 November 2024

CO2M mission, including updating and maintaining the operational documentation (operations guides, operations interface control documents, operations procedures) for the data processing systems;
- Contribute to the definition of the data and product processing concepts as well as operations preparations for other Copernicus missions exploited by EUMETSAT (i.e. CRISTAL; Copernicus Polar Ice and Snow Topography Altimeter, CIMR: Copernicus Imaging Microwave Radiometer; see EUMETSAT web-page for more information www.eumetsat.int);

covering Copernicus missions, including anomaly reporting and investigation;
- Support the definition and implementation of procedures and tools for the quality monitoring of products, including providing periodic inputs to Key Performance Indicators;
- Contribute to the further development of EUMETSAT Copernicus payload data processing systems including the definition of operational requirements and validation of upgrades, including product reprocessing campaigns.

Skills and Experience

- Proven experience in the operations of complex data processing and/or product processing systems, and experience of development, verification and validation of such systems;
- Significant experience in the real or near real-time acquisition and/or processing of data from space-borne imaging and/or sounding instruments, preferably in a complex operational environment;
- Ability to work effectively under pressure, and with a minimum of supervision;
- Strong communication, interpersonal and team working skills;
- Ability to write concise and focused technical reports;
- Very good analytical and problem solving skills;
- Familiarity with UNIX / LINUX.

Experience in the following areas would be an advantage:

- Scripting languages (i.e. Python, bash, PERL).
- C / C++, Oracle;
- Consultative Committee for Space Data Systems (CCSDS) formats;

- Specification, development, and validation of algorithms for meteorological or other remote sensing missions;

The holder of this post will support 24/7 operations and is therefore required to provide 24 hours a day on-call support including during weekends and public holidays on a regular basis, as part of an on-call rota.

Employment Conditions

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.
This post is graded A2/A4 on the EUMETSAT salary scales. The minimum basic salary for this post is EURO 7146 per month (net of internal tax but excluding pension contribution and insurances) 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.

About EUMETSAT

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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.)

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