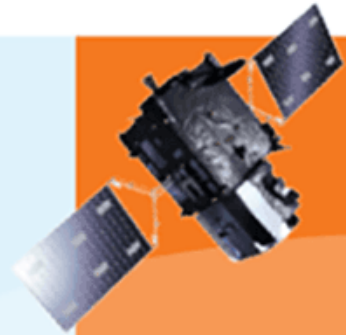# VN 20/17 COPERNICUS DATA PROCESSING OPERATIONS ENGINEER

EUMETSAT operates a fleet of ten Earth Observation satellites in Low Earth and geostationary orbits including two Copernicus Sentinel-3 satellites (Sentinel-3A and -3B), and is preparing for the launch of the Copernicus Sentinel-6 A Michael Freilich satellite end of 2020, and Sentinel-3C in 2023. EUMETSAT also plans to exploit more Copernicus Sentinel satellites after 2025, for monitoring the ocean and CO_2 in the atmosphere in support of the Paris Agreement.

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 support the evolutions of these systems.

DUTIES

Coordinate and support operations of the Copernicus payload data processing and product extraction systems delivering Level 0 to Level 2 products, including backlog-processing, anomaly reporting and investigations of anomalies; Support the preparation and maintenance of the operational documentation (operations guides, operations interface control documents, operations procedures) for the Copernicus data processing systems; Contribute to the performance monitoring and analysis of Copernicus data processing services, including the development of tools for

Support the medium and long term operations planning for Copernicus data processing and product extraction systems; Support training activities related to Copernicus data processing; Contribute to the further development of EUMETSAT Copernicus payload data processing systems including the definition of operational requirements, validation of upgrades, the assessment of deliveries, and contribute to verification activities; Support the operations preparations and commissioning activities for new Sentinel missions exploited by EUMETSAT (e.g. Sentinel 3-C/D, Sentinel-6B,

LOCATION
Darmstadt, Germany

QUALIFICATIONS
A University degree (or equivalent) in an engineering or scientifically   relevant discipline.

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
10 May 2020

monitoring the quality of products and for the production of Key Performance Indicators;

CO2M).

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;
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.

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 5,797 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.

ABOUT EUMETSAT

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.)

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