

VN 21/58 Junior Remote Sensing Scientists (2 ECEP Posts)

Within the Remote Sensing and Products Division (RSP), the Junior Remote Sensing Scientists (2 Posts) will support the development and scientific validation of environmental and climate products derived from data of hyperspectral infrared and scatterometer instruments of the current and future EUMETSAT satellite systems (EPS, EPS-SG and MTG).

EUMETSAT is now inviting well qualified candidates from its Member States to apply for the following posts: Junior Remote Sensing Scientist – Hyperspectral InfraRed and Junior Remote Sensing Scientist – Scatterometry.

The recruitment of the Junior Remote Sensing Scientists will take the form of an assessment centre over two days, after which the successful candidates will be assigned to a specific post based on their profile and relevant strengths. During the application process, candidates will be asked to declare if they have a preference for one or the other of the two posts. Preferences will be taken into account but cannot be guaranteed.

Duties

The main duties will be as follows:

- Develop or improve algorithms for the extraction of environmental and climate products in the areas of hyperspectral infrared or scatterometry, taking into account requirements from user communities;
- Develop concepts for the synergetic use of observations from EUMETSAT missions and EUMETSAT operated Copernicus missions;
- Prototype and maintain
- Support the quality monitoring, calibration and validation of operational hyperspectral infrared or scatterometer products, based on interactions with the user communities;
- Assist with in-house and external scientific studies relevant to new scientific concepts for the future development of operational products;
- Support the reprocessing of climate data records;
- Play an active role in relevant operational and scientific interactions with the user communities.



LOCATION

Darmstadt, Germany



QUALIFICATIONS

An (anticipated) university degree in remote sensing, meteorology, oceanography or another relevant discipline. Please note, the qualification must be awarded prior to the contract being issued.



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

18 January 2022

processing software for
the extraction of products
from data of hyperspectral
infrared, or scatterometer
instruments;

Skills and Experience

- Good theoretical knowledge of remote sensing physics relevant to measurements of hyperspectral infrared or scatterometer instruments;
- Knowledge of data processing algorithms, preferably for the extraction of products from hyperspectral infrared or scatterometer instruments of Earth observation satellites;
- Good experience working with numerical methods and/or algorithmic development (using e.g. MATLAB, IDL, Python, C/C++);
- A demonstrable learning orientation and the willingness to expand own knowledge/skills;
- Excellent interpersonal and communications skills, combined with a proven ability to work within a team;
- Strengths in analysis, synthesis and presentation of complex problems and solutions.

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 5,363 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

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 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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