

## VACANCY NOTICE

### **Remote Sensing Scientist for Hyperspectral Infrared Level-1 processing**

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 Copernicus satellites 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:** Remote Sensing Scientist for Hyperspectral Infrared Level-1 processing

**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 Hyperspectral Infrared Competence Area (HSIR CA) of the Remote Sensing and Products Division (RSP), the Remote Sensing Scientist for Hyperspectral Level-1 processing provides scientific and technical expertise on hyperspectral infrared sounding measurements and their applications, and supports the calibration and validation of EUMETSAT hyperspectral infrared sounders.

**DUTIES:** The main duties will be as follows:

- Support the development and operations of Level-1 data processing chains for the IRS instrument on-board EUMETSAT MTG satellites, including all aspects relating to product generation and quality monitoring(calibration, verification and validation);
- Develop and maintain prototype software in order to improve the operational implementations of Hyperspectral IR Level 1 processing across EUMETSAT low Earth and geostationary orbit missions;
- Initiate and lead relevant scientific studies, including the management of external contracts;
- Support the definition of requirements for the realisation of future satellite products and services;
- Support instrument recalibration and product reprocessing for climate purposes;
- Actively interact and cooperate with the operational user community of EUMETSAT satellite products and services and with international partners.

**QUALIFICATIONS:**

- University degree in remote sensing, physics, engineering or equivalent.

**SKILLS AND EXPERIENCE:**

- In depth scientific knowledge of remote sensing physics including atmospheric sounding in the infrared domain;
- Proven expertise on hyperspectral infrared instruments and experience in the processing of their data, in particular to Level-1;
- Exposure to user communities would be an advantage;
- Experience in developing scientific application software (both technically and in terms of project management) and working with user communities and researchers.
- Experience in signal processing and/or or process control would be an advantage;
- Excellent analysis, synthesis and presentation skills;
- Strong interpersonal skills and coordination capabilities; and a proven ability to apply these to the interactions within a team and between teams.

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

**CLOSING DATE: 22 November 2018**

Interviews are tentatively scheduled for week 2/2019.

**Applications in English or French should be sent via our online form (attaching curriculum vitae and covering letter quoting Reference VN(18)67) at**

**[www.eumetsat.int](http://www.eumetsat.int)**

This post is graded A2/A4 on the EUMETSAT salary scales. The minimum basic salary for this post is EURO 5,612 per month (net of internal tax) which may be negotiable on the basis of skills and experience. The salary scale provides for regular increments, 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.**