

VACANCY NOTICE

Remote Sensing Scientist – Passive Microwave

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: Remote Sensing Scientist – Passive Microwave

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 Passive Microwave and Radio Occultation Competence Area (PMRO-CA), the Remote Sensing Scientist – Passive Microwave will support the scientific development, validation and quality monitoring of products extracted from observations from passive microwave sounders and imagers of EUMETSAT and partners' satellites.

DUTIES: The main duties will be as follows:

- Acquiring knowledge specific to EUMETSAT's passive microwave sounding and imaging instruments through participation in relevant instrument functional teams;
- Generation and refinement of processing algorithms and product specifications for the processing chains, including definition of file formats and auxiliary data streams;
- Prototyping of product generation functions, generation and analysis of performance budgets, and preparation of representative test datasets for verification and validation purposes;
- Preparation of instrument-specific calibration and validation plans;
- Support to the definition of external studies and the assessment of their results;
- Contribute to ground segment and/or instrument chain reviews, progress and technical meetings;
- Ensure the continued evolution of a state-of-the art scientific basis for the extraction of products from EUMETSAT microwave instruments.

QUALIFICATIONS:

- University degree or equivalent in remote sensing, physics, meteorology or another relevant discipline.

SKILLS AND EXPERIENCE:

- Demonstrated scientific knowledge of passive microwave remote sensing physics, including microwave radiative transfer models;
- Proven experience of processing of data from space-borne passive microwave instruments;
- Strong experience in the coding of scientific application software;
- Experience working with user and research communities;
- Good communication and team-working skills, including demonstrated experience in writing scientific and technical documents.

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: 20 August 2018

Interviews are tentatively scheduled for week 41/2018.

Applications in English or French should be sent via our online form (attaching curriculum vitae and covering letter quoting Reference VN(18)47 at

www.eumetsat.int

This post is graded A2/A4 on the EUMETSAT salary scales. The minimum basic salary for this post is EURO 5,612.57 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, taking into account the international character of EUMETSAT.