

VACANCY NOTICE

Remote Sensing Scientist – Copernicus Sentinel-4/UVN Mission

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 posts:

POST: Remote Sensing Scientist – Copernicus Sentinel-4/UVN Mission

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 number 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 Atmospheric Composition Competence Area (AC CA) of the Remote Sensing and Products Division (RSP), the post holder will lead the scientific development, prototyping, validation and monitoring of products from the Copernicus Sentinel-4/Ultraviolet Visible Near-Infrared (UVN) Mission implemented as part of the Meteosat Third Generation (MTG) System.

DUTIES:

The main duties will be to:

- Lead the scientific development of calibrated radiance, irradiance and derived atmospheric composition products from ultra-violet, visible, near and short-wave infrared satellite instruments, with a focus on the Copernicus Sentinel-4/ UVN instrument;
- Provide scientific support to the operational implementation of data processing and products, including prototyping of software and provision of associated documentation;
- Define and carry out calibration, validation, and long-term monitoring activities for the Copernicus Sentinel-4/UVN product suite in cooperation with ESA, other agencies and the scientific and user community;
- Define, prototype and develop and exploit calibration, validation, and long-term monitoring tools;
- Liaise with and provide support to the operational user community to facilitate uptake of the products;
- Develop product enhancements including prototyping software and provision of associated documentation;
- Instigate and lead external scientific studies, including management of external contracts;
- Support Copernicus Sentinel-4/UVN product reprocessing activities;
- Play an active role in the detailed formulation of requirements for future products and services, responding to the evolving needs of the users.

QUALIFICATIONS:

University degree in remote sensing, meteorology or equivalent.

SKILLS AND EXPERIENCE:

- Advanced knowledge of optical remote sensing techniques for trace gases and other atmospheric composition parameters;
- Demonstrated experience of ultra-violet, visible, near and short-wave infrared spectrometer instrument calibration and characterisation including long-term monitoring activities;
- Direct experience in retrieval of trace gases and other atmospheric composition products from ultra-violet, visible, near and short-wave infrared spectrometers;
- Demonstrated experience in the use of radiative transfer models;
- Demonstrated experience in developing scientific application software involving interactions with user communities;
- Experience with operational data processing systems and skills in a higher programming language (e.g. C++, Fortran) are advantages;

- Organised and methodical with strengths in analysis, synthesis and presentation;
- Strong interpersonal skills and a proven ability to apply good communication skills 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 preferably have some knowledge of French.

CLOSING DATE: 11 March 2018

Interviews are tentatively scheduled for week 17/2018.

Applications in English or French should be sent via our online form (attaching curriculum vitae and covering letter quoting Reference VN(18/15) at

www.eumetsat.int

This post is graded A2/A4 on the EUMETSAT salary scales. The minimum basic salary for this post is EURO 5443 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. EUMETSAT does not operate a nationality quota system but, in recruiting Staff members, the geographical distribution will be taken into account.