

VACANCY NOTICE

Remote Sensing Scientist – Optical Cloud Imaging (2 Posts)

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 – Optical Cloud Imaging (2 Posts)

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 Atmospheric and Imagery Applications Competence Area (AIA CA), the Remote Sensing Scientist – Optical Cloud Imaging will be responsible for product development in the area of cloud and lightning detection, cloud physico-optical properties, cloud analysis and other atmospheric products derived from visible and infrared imagery (e.g. water vapour and precipitation), focusing EUMETSAT's next generation Meteosat Third Generation (MTG) and EPS-Second Generation (EPS-SG) satellite systems.

DUTIES: The main duties will be as follows:

- Maintain up-to-date knowledge related to cloud and other atmospheric products derived from satellite optical imagery , such as water vapour and precipitation products;
- Conduct in-house and external scientific studies relevant to the development of future cloud and related atmospheric products;
- Formulate detailed requirements for future satellite products and services;
- Develop advanced algorithms and prototype software realising new scientific concepts and support the implementation of operational processors, including documentation;
- Actively cooperate and interact with the external operational user community of EUMETSAT's products and services;
- Improve EUMETSAT's current operational cloud and other atmospheric products, taking into account requirements from the user community;
- Support Satellite Application Facilities (SAF) related activities.

QUALIFICATIONS:

- A university degree in Remote Sensing, Meteorology or equivalent.

SKILLS AND EXPERIENCE:

- Proven experience in the field of optical remote sensing of cloud properties and other atmospheric parameters, including radiative transfer modelling;
- Demonstrable experience in remote sensing product development, verification, and validation;
- Direct experience with physical cloud retrievals would be advantageous;
- Credible scientific knowledge and the ability to operate within a team of experts;
- Experience working in or with user communities and incorporating their needs into both new and evolved products;
- Proven experience working with scientific software (e.g. MATLAB, IDL, Python);
- Experience working in a team of scientists and engineering and to communicate effectively to different levels of scientific knowledge within a matrix organisation.

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: 03 June 2018

Interviews are tentatively scheduled for week 28/2018.

Applications in English or French should be sent via our online form (attaching curriculum vitae and covering letter quoting Reference VN(18)34) at

www.eumetsat.int

This post is graded A2/A4 on the EUMETSAT salary scales. The minimum basic salary for this post is EURO 5,443.81 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.