



HE Space is a successful international space company. For 40 years, we have been supporting our customers with qualified experts in the field of engineering, science and administration. HE Space has joined forces with CS Group to lead the engineering and digital space market in Europe and to provide highly skilled consulting.

Copernicus Altimetry Engineer – S3/6

Key Tasks and Responsibilities

As part of the Remote Sensing and Products (RSP) Division, you will have the following responsibilities:

- Support the corrective maintenance and evolution of the Copernicus operational processors, their validation and installation in the EUMETSAT ground segment;
- Specification and prototyping of new processing concepts for altimeter processing chains;
- Specification and prototyping of evolutions of the altimeter processing chains;
- Contributing to operational processor evolution and maintenance activities;
- Validation of altimetry prototype and operational products;
- Quality assessment and monitoring of altimetry products;
- Supporting the commissioning and cal/val of altimetry missions.
- Applications of satellite data in meteorology, oceanography, and atmospheric composition;
- Scientific document writing.

Skills & Experience

You will have the following qualifications and relevant experience:

- University degree in physical remote sensing, meteorology, oceanography, physics, IT/Computational Science, or equivalent;
- Scientific knowledge of altimetry observations
- Experience in calibration and validation of altimetry data
- Experience in the definition and development of prototypes or operational processors
- Proven experience with scientific programming languages, particularly Python and/or MATLAB. Knowledge of C/C++ is a valuable asset.
- Demonstrated ability to work in a Linux environment, with skills in managing and processing large test datasets.
- Strengths in analysis, synthesis, and presentation, including demonstrated experience in writing scientific and technical documents
- Good interpersonal skills and a proven ability to apply these to the interactions within a team and between teams
- Fluency in English is mandatory; knowledge of another European language is an advantage.

Passionate about people and passionate about space

This job is located in **Darmstadt**.

If you think you have what it takes for this job, please send your CV (in English and in Word or PDF) to Viktoria Panicharova, by clicking on the button "Apply for this job" quoting job **DE-HP-25016**.

An exciting and dynamic international working environment awaits you!

Please note: Due to work permit requirements for this position, please apply only if you are citizen of a European Union state or if you are eligible to obtain a work permit for Germany.