



**HE Space** is a successful international space company. For nearly 40 years, we have been supporting our customers with qualified experts in the field of engineering, science and administration. We are currently looking for a Wave Interaction & Propagation Engineer to support our customer in the Netherlands.

## Wave Interaction & Propagation Engineer

### Key Tasks and Responsibilities

You will have the following responsibilities:

- Support to Earth Observation projects in the field of microwave (active and passive) remote sensing of natural surfaces (land and sea) and of atmosphere: wave interaction, data processing, retrieval algorithms and performance assessment;
- Support to internal activities and projects in the field of microwave propagation in the atmosphere: theoretical and empirical modeling, and related analysis of impact on telecom, navigation or data downlink for Earth Observation and Space Exploration missions;
- R&D in related fields;
- Support to the experimental facility.

### Skills & Experience

You will have the following qualifications and relevant experience:

- Master degree in a related discipline;
- Background in the physics and/or engineering of microwave interaction with natural environment;
- Experience with microwave remote sensing observation concepts;
- Experience with microwave atmosphere propagation models;
- Good programming skills;
- Previous experience with experimental instruments (e.g. ground microwave radiometers) is considered an asset;
- Fluency in English is mandatory; knowledge of another European language is an advantage.

This job is located in **Noordwijk**.

If you think you have what it takes for this job, please send your CV together with a letter of motivation (both in English and in Word) to Ms Chiara Grossardi, by clicking on the button "Apply for this job" quoting job **NL-4508**.