



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.

Mechanisms Engineer

Key Tasks and Responsibilities

As part of the Structures Materials Mechanisms and Thermal Engineering domain, you will have the following responsibilities:

- Mechanisms support to all ESA project directorates with respect to the implementation of space mechanism technologies in current and future missions, including configuration assessments and mission performance evaluation;
- Establishment of Statement of Work and Preliminary Requirement Specifications for Mechanism Systems, Individual Mechanisms or Mechanism components dedicated to Technology and Research & Development;
- Perform and support in the role of Mechanism engineer, System Level Mission Definition studies and system conceptual design activities in support of the ESA long term/future mission plans;
- Identification of enabling mechanism and tribological technologies for future ESA missions;
- Support investigations of mechanisms being out of performance, including malfunctions and contingency scenarios;
- Support and contribute to the establishment and maintenance of the Space Mechanisms ECSS Engineering Standards;
- Generation and set-up of appropriate space mechanisms analysis and simulation models using analysis tools based on technical documentation of space mechanisms. Back up and archiving of analysis models for later retrieval;

Skills & Experience

You will have the following qualifications and relevant experience:

- Master's degree in mechanical engineering;
- Minimum 10 years of experience in Space Mechanisms development;
- Excellent knowledge in space system engineering specializing in mechanisms;
- Knowledge of Space Mechanism ECSS standard and its application to the design and verification of mechanisms;
- Good knowledge of space mechanism testing and verification methodologies and techniques;
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Passionate about people and passionate about space

- Good interpersonal and communication skill;
- Ability to work effectively, autonomously and cooperatively in a diverse and international team environment;
- Fluency in English is mandatory; knowledge of another European language is an advantage.

This job is located in Noordwijk, The Netherlands.

If you think you have what it takes for this job, please send your CV (in English and in Word or PDF) to Vicente Gracia, by clicking on the button "Apply for this job" quoting job **NL-HP -24103**.

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.



HE Space recruiting for ESA