Position: Propulsion Engineer - Area Propulsion

Location: SPAIN, Elche (Alicante)

We develop launch technologies to provide commercial suborbital and orbital access to space services with our launchers MIURA 1 and MIURA 5. Our believe is that boosting the small satellite industry, mankind will benefit of …… PLD Space is highly committed on providing space launch services dedicated to small payloads and small satellites.

Main responsibilities:

PLD Space is seeking a new member for our team to serve as Propulsion test engineer for MIURA 1 launch vehicle. The primary role of this position involves testing hardware from development, qualification, and acceptance for flight at both subsystem and component level. The Candidate will carry out rocket engine testing activities and propulsive stage testing activities at PLD Space propulsion facilities in Teruel (Spain). This role is for a hands-on person. The main workplace will be Elche with frequent travels to Teruel and Huelva.

- Deep understanding of liquid rocket engine propulsion subsystems and components
- Deep understanding of test procedures, industry standards, and best-practices
- Knowledge of thermodynamic principles as applied to cryogenics and high-pressure systems, to ensure test facilities can provide physical parameters defined for each engine system or component
- Knowledge of safety principles and best practices while working with high pressure fluids and cryogenics
- Perform fundamental fluid flow, heat transfer and structural analysis to contribute to the design and development of new propulsion test facilities
- Write test plans, test procedures, and maintain configuration management system

Required profile:

- BSc in Aerospace Engineering or Mechanical Engineering.
- Must be able to stand for extended periods
- Must be able to maneuver in tight spaces
- Must be able to handle items weighting more than 15kg.Aerospace or Mechanical Engineering Bachelor’s degree or demonstrable relevant experience in lieu thereof
- Experience: 5+ years of rocket propulsion subsystem testing activities or aerospace-related propulsion testing activities
- Fluent written and oral communication both in Spanish and English

The company offers:

- Permanent Contract with 3 months trial period
- Negotiable salary between €24.000 - €35.000 (gross per year) + several benefits

How to apply: https://pldspace.com/en/career/propulsion-componentsdesign-and-analysis-engineer-2 until July 31st and inform the Portuguese EURES Adviser paula.m.santos@iefp.pt


EURES mobility supports may be available if you apply to this vacancy. Please check www.iefp.pt/eures