**Position:** Mechanical Design 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:**
As part of a small, passionate, and accomplished team, you will be responsible for designing launch vehicle propulsion elements and configurations in concert with structures subsystem. Specific focus on propellant lines design

- Participate in subsystem analysis and architecture of pressure-fed liquid rocket engine, including component sizing, loads determination, and detailed analysis
- Perform thermal / mechanical load analysis for propellant lines (including cryogenics and fuel lines as well as high pressure gas lines)
- Create and manage test and development plans for engines and propulsion components
- Perform analysis and interpretation from propulsion test and flight data
- Maintain and improve program standard approaches to analysis
- Liaise with Design Engineers of the same department and with others Engineering departments (Structures design and stress, M&P, Quality, etc.) and provide information to the Manufacturing area under request

**Required profile:**
- Aerospace or Mechanical Engineering Bachelor’s degree or demonstrable relevant experience in lieu thereof
- Minimum 3 years of relevant technical experience
- Fluent written and oral communication both in Spanish and English
- Demonstrated experience in analysis metallic structures for propellant lines
- Knowledge in selection and application of analysis criteria according to the loading conditions, working environment, etc.
- It’s an asset to have previous experience in Aerospace Industry as Propulsion analysis engineer or Stress Analysis Engineer (or an equivalent combination of education and experience)

**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](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

**Further info:** [www.pldspace.com](http://www.pldspace.com) and [https://pldspace.com/es/empleo](https://pldspace.com/es/empleo)