

## Development Engineers Location: Porto, Portugal

High Performance Structures Gestão e Engenharia Lda. (HPS Lda), recently acquired by FREZITE Group, is a leading mid-sized space company and central provider of lightweight structures (composite and metal), deployable structures, thermal hardware (like MLI multilayer insulations and re-entry technology) and Mechanical Ground Support Equipment (MGSE) mainly for space applications. Flight hardware is already onboard a telecommunication mission (AlphaSat), a VEGA-launcher, and on the Mars Orbiter (ExoMars 2016). We are currently involved in developments for more than ten further missions including MLI flying to Jupiter and a structural assembly for an instrument onboard the International Space Station ISS. With its outstanding engineering capacities, highest flexibility and customer orientation HPS Lda is one of the fastest growing technology drivers in the European SME industry.

Main customers of HPS Lda are the European Space Agency (ESA), its system primes Airbus, Thales Alenia Space and OHB, as well as many other large and mid-sized European companies.

Due to our rapid growth and in the light of current and coming projects on lightweight products for flight missions, **we want to enlarge our Thermal Hardware Team**. Consequently, we are searching for excellence with the following profile:

### Job Profile:

Being a Development Engineer, you are responsible for the execution of specific work packages in the frame of development projects on high-end technical hardware. Maintaining the schedule and delivering according to the client specifications are our major goals. You will perform engineering calculations, plan, coordinate & evaluate manufacturing and specification of test campaigns and support project management activities. Reporting of the results is mostly required in form of Technical Notes. Our relations are international oriented; therefore, occasional travelling is involved in this position, mainly in Europe.

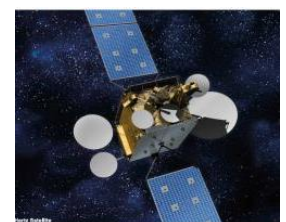
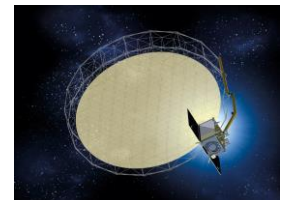
### Qualification:

#### Applicants should have as a minimum:

- Master's degree in mechanical, aerospace, chemical and physics engineering
- 2/3 years of experience in engineering products development
- Skillful on analytical calculation, outstanding problem-solving capacity
- Organized and experienced on activities planning
- Autonomous working approach, accurate working
- Ability and motivation to report the analysis results in respective documentation
- Ability and motivation to present the analysis results in meetings with Customers
- Good knowledge in English (writing and speaking)
- Team spirit

#### Nice to have:

- Experience in thermal analysis
- Knowledge in lightweight constructions for aerospace applications
- CAD design capabilities and knowledge in CAD-tools
- Knowledge in space projects and respective environmental requirements
- Knowledge about ESA ECSS standards and ISO9001 and/or EN9100.



**We are looking forward to your application until 15<sup>th</sup> June 2018 (preferred via e-mail):**

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