

## CAD / Designer (m/f)

HPS GmbH is a quickly growing space company and provider of key subsystems: highly accurate reflector antennas for telecom- and science applications, large deployable reflector subsystems for Earth Observation, deployable drag-sail subsystems for de-orbiting, thermal control hardware for spacecrafts and landers, as well as plenty of high end components in the structural and thermal area.

Headquartered in Munich, HPS has a subsidiary in Romania, where MGSE, metal structures and metal thermal hardware components are developed. Integration halls provide space for assembly in clean environment. HPS Group concluded 2019 with a staff of 50 persons, 35 out of that in Munich at HPS GmbH, 15 in Bucharest at HPS S.R.L.

HPS is well acknowledged at the European Space Agency ESA, the German Space Agency DLR and at many players of the European space industry. Up to now HPS is onboard 17 space missions, the most recent one are: Ka-band antennas on the German Mission "Heinrich Hertz" and the ESA-mission "PLATO"; in-orbit demonstration flight in autumn 2018 of a deployable sail module for nano-satellites onboard Electron, the NewSpace Launcher of RocketLab (NZ & USA). Currently we are developing, as lead, together with 14 European partners a very large deployable reflector subsystem (6 m reflector diameter, 6 m arm length), as well as concepts for future two Copernicus Expansion Missions.

Due to our rapid growth **we enjoy to enlarge at HPS Germany** our team starting in **February or latest March 2020**, with the following profile:

### Job profile:

The main task is to support the research team with the following CAD activities:

- Detailed construction of assemblies and parts made of metal and CFRP
- Generate patterns of MLI blankets
- Support the systems engineers in developing constructive solutions
- Transfer of freehand sketches to 3D-CAD constructions
- Generate manufacturing drawings, list of parts and assembly drawings conforming to standards
- Accurate logging and implementing of modifications

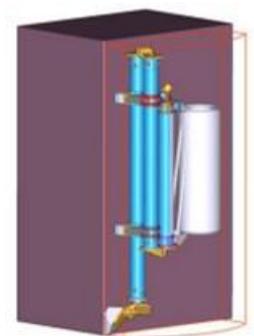
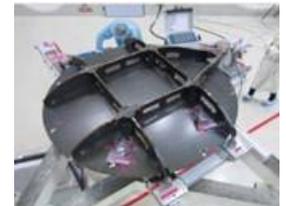
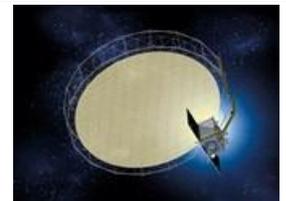
If you have the applicable qualifications and interest you will help with the assembly, integration and test campaigns.

### Qualification:

- Relevant Training and professional experience in Mechanical Engineering or Aerospace Engineering
- Good CAD-Knowledge (INVENTOR)
- Good spatial sense
- Precision work down to the detail
- Quick learner and adaptability
- Ability to work independently
- Good knowledge of German and/or English
- English-basics
- Reliability, collegiality and teamwork.

### Possibilities:

- Flexible working hours (part-time possible)
- Participation in various projects in a friendly working environment
- Direct contact with customers and suppliers.



**We are looking forward to your application (preferred via e-mail):**  
HPS GmbH, Hofmannstr. 25-27, 81379 München, [www.hps-gmbh.com](http://www.hps-gmbh.com)  
Mrs. Andrea Straub, Tel.: 089-4520 576-13, [straub@hps-gmbh.com](mailto:straub@hps-gmbh.com)