

Reference	JP22002
Job Position	Senior Thermal Engineer (Simulation and Test)
Location	Berlin, Germany
Min. Education	Master of Aerospace Engineering or similar field, PhD Physics
Contract type	Full Time (40hrs/week), 3 years or Permanent
Start date	May 1 st , 2022

Azimut Space GmbH is a Space Engineering company with 15 years experience in thermo-mechanical engineering and in the development of payloads and subsystems.

The company, founded in 2007 as a thermal engineering company, has expanded its portfolio over the years, and now offers complete thermal solutions, thermal engineering services, thermal hardware as well as the development of instruments and subsystems.

Azimut Space GmbH (ASG) has its premises in Berlin with in-house developed Thermal Vacuum Chambers, Thermal Cycling Chamber, and Thermal Characterization unit.

Description of the position

Azimut Space GmbH is looking for a Senior Thermal Engineer to take responsibility for several thermal design and simulations projects as well as be in charge of the thermal testing lab at Azimut Space facilities in Berlin.

The Candidate shall have a relevant experience in Thermal Vacuum Testing and in thermal analysis (ESATAN-TMS and/or Thermica). Inserted in a very international team, the candidate will lead and coordinate mechanical and system engineers, test technicians, interns, and interact with Customers and Partners in a series of technically challenging space projects.

The position is in Berlin, at the main premises of Azimut Space. Depending on the activities, some home-office is possible. Work schedules are flexible

Tasks

- Lead, Plan and Perform Thermal Analysis Projects of Satellites, Systems and Space Equipment
- Lead, Plan, Execute and Report Thermal Tests, both on internal and external facilities
- Initiate and lead thermal technology developments
- Support the Business Development team in the preparation of proposals for clients technical tasks, budgets, etc.)
- Supervise and coordinate engineers, interns and technicians during project activities
- Optional:
 - Take charge of the thermal test lab at Azimut Space, including the maintenance, upgrade and development of the test facilities, supporting the CEO and CTO in the planning of future needs and expansions

Candidate profile

- Master Degree in Aerospace Engineering or equivalent field
- 5-8 years of working experience as a Thermal Engineer in the Space Industry, having experienced all development phases of space hardware from the thermal point of view, including procurement and installation of hardware, test prediction, post-test model correlation and model reduction
- Experience of several qualification campaigns for Space Hardware
- Expert competence level in ESATAN-TMS; able to plan and work autonomously on analyses
- Competence in developing software tools for data pre-/post- processing, model run, model correlation or reduction, interface with other software (preferred language: VB, VBA, Python)
- Creative problem solver, able to quickly prioritize jobs under pressure and to express technical opinions effectively both in writing and orally
- Interest in thermal technologies and knowledge of new developments in the field
- Fluent in spoken and written English
- Optional:
 - competence in other Thermal simulation languages (Thermica, Thermal Desktop)
 - competence in other simulation fields (e.g.: FEM, CFD, etc)
 - knowledge of German, spoken and written
 - basic competence in CAD

Application

CV and motivation letter to: info.de@azimutspace.com, with the reference "JP22002"