PICLas
Numerical simulation

Thesis

Flexible start date

Possible topics:

- Surface catalysis mechanisms: time of flight analysis
- Method comparison (ECSIM, HDG, FEM) with ion thruster
- Chemistry modelling for trace species
- Satellite Aerodynamics and Orbit Control
- Gas-surface interactions using machine learning

We are looking for

- Bachelor or Master students in STEM,
- interested in code development,
- able to work independently and autonomously,
- and optional: experience with Fortran

Please send applications to
Simone Lauterbach (lauterbachs@irs.uni-stuttgart.de)