

Fly your Thesis: GPS Sensor and Antennas for CubeSat Missions

HiWi / Master / (Bachelor)

Task Description

- Evaluation of active and passive GPS antennas
- Development of Test and Qualification Environment for GPS Patch Antennas
- Measurement and Qualification of different Antennas
- Embedded Software Implementation for GPS Sensor
- Verification of functionality

Preliminary Knowledge

- Extended knowledge in Hardware Design (PCBs), embedded programming and GPS-Systems required
- Extended knowledge in C/C++, Java, MATLAB for Software development required (Kalman Filter, Orbit Propagator)

Contact

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