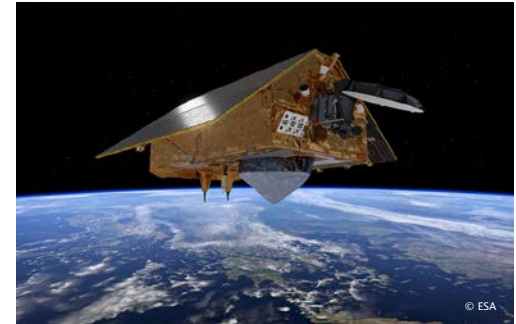


Bachelor and Master Topics in LEO Precise Orbit Determination

B

Precise Orbit Determination of Sentinel-6A

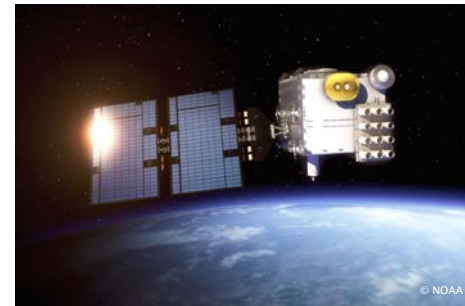
- Exploit the use of GPS & Galileo data for precise orbit determination of the most recent Sentinel-6A mission
- Several Bachelor or Master theses are possible in this context, each focusing on one particular aspect



B

Two-antenna solutions for COSMIC-2

- Enable usage of two-antenna GPS & Glonass data for precise orbit determination of the COSMIC-2 satellites
- Study the added value of the two-antenna POD



B

Orbit Determination of Commercial CubeSats

- Analyze the quality of GPS data from CubeSats of Spire Global that were exclusively provided to AIUB
- Refine established procedures to generate high quality orbits of a larger number CubeSats



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