

Bachelor and Master Topics in Gravity Field Determination

B

Gravity Field Determination from GRACE-FO

- Exploit the use of LRI & K-Band data of the dedicated GRACE-FO mission for monthly gravity field recovery
- Several Bachelor or Master theses are possible in this context, each focusing on one particular aspect

M

B

Gravity Field Determination from GPS Tracking

- Enable modeling of non-gravitational forces of the Swarm and GRACE-FO satellites
- Study the added value for gravity field recovery w.r.t. the use of empirical parameters or accelerometer data

M

M

Accelerometer Transplant Product for the final phase of the GRACE mission

- Establish a pipeline to generate Level-1B accelerometer data from the Level-1A data that were exclusively provided to AIUB
- Refine established procedures to generate a transplant ACC product using non-gravitational force models

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LISA: Laser Interferometer Space Antenna

