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DLR – DAAD Fellowships

Fellowship No. 606

Research Area :	Space
Research Topic:	Development of a simulation tool for the assessment of navigation strategies in Multistatic SAR concepts.
DLR Institute:	Microwaves and Radar
Position:	Graduate
Openings:	1
Job Specification:	<p>Development of a simulation tool for the assessment of navigation control strategies for multistatic SAR constellations. Multistatic SAR concepts typically require the use of tight close formations, which pose a fundamental challenge for navigation control and accuracy. The work will be focussed on the development of an expandable simulation tool for the assessment of navigation strategies. The work will be distributed in the following parts:</p> <ul style="list-style-type: none">• Literature review• Algorithm definition and prototyping• Algorithm implementation• Testing and software validation
Required Qualification:	Master student in Electrical Engineering or Communications
Advantageous Skills:	Solid background in aerospace engineering and solid software engineering and programming skills
English competence:	See requirements on www.daad.de/dlr
Earliest Start Date:	01.09.2023
Application Deadline:	N/A
Further Information:	http://www.dlr.de http://www.daad.de/dlr