

## REXUS and BEXUS – missions for young academics

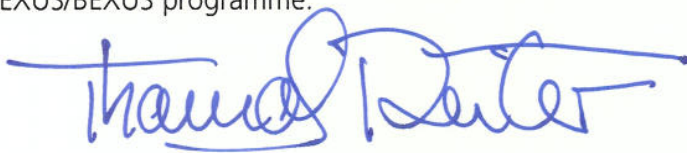
For the third time, the German Aerospace Center (DLR) is calling for experiment proposals as part of the German-Swedish REXUS/BEXUS programme (Rocket and Balloon Experiments for University Students). As a student, this is your chance to send an experiment out to the edge of space on a research rocket or research balloon launched from the Esrange Space Center in Sweden. We are looking for interesting and highly innovative ideas from different disciplines: atmospheric research, Earth observation, exobiology, investigation of cosmic radiation and technology tests for space travel.

You will be able to realise your experiment within one and a half years, from the planning stage and design concept to development, construction and testing of the complete experiment, including flight preparation at the launch site and communication between the experiment and the ground station. This full range of tasks is best completed by a team. Scientific and technical experts from DLR, its Swedish partners and ESA will support you throughout the entire project, culminating in the launch campaign at the Esrange European Space Centre near Kiruna in Sweden, around 200 kilometres north of the Arctic Circle.

REXUS/BEXUS provides unique opportunities to apply the knowledge you have acquired during your university education and to gain new practical experience of preparing and implementing a real space project. I am sure this will not only enable you to hone your experimental skills, but also to gain valuable experience and competence in working with other people, assuming responsibility, organisation and project management.

For DLR, supporting young academics is of key significance. Therefore, it is my personal mission to promote new scientific approaches and pass on my fascination with space travel. Over the last few years, I have been impressed again and again by the variety of the experiments and the tremendous motivation, dedication, commitment and curiosity of the students.

I am really looking forward to hearing about your ideas. I wish all participants lots of success, enjoyment and fun, and an unforgettable scientific and personal experience taking part in the REXUS/BEXUS programme.



Thomas Reiter

Member of the Executive Board of DLR responsible for aerospace research and development,  
German ESA astronaut