



DLR – DAAD Fellowships

Fellowship No. 517

Research Area :	Space
Research Topic:	Design and Analysis of Unsourced Multiple Access Protocols for Satellite IoT Systems
DLR Institute:	Institute of Communications and Navigation, DLR Oberpfaffenhofen, Germany
Position:	Doctoral Fellow
Openings:	1
Job Specification:	The activity focuses on the design and the analysis of modern random access protocols for satellite IoT systems, with emphasis on both classical metrics such as throughput, packet loss probabilities etc., as well as on information freshness metrics (e.g., Age of Information). Coding strategies for distributed communication and computation systems will be analysed as well, from both an information theoretic and an algorithmic viewpoint.
Required Qualification:	University diploma or master in Electrical Engineering, Computer Science, Math or equivalent.
Advantageous Skills:	Strong background in information theory, queuing theory, and coding techniques.
English competence:	See requirements on www.daad.de/dlr
Earliest Start Date:	As soon as possible

Application Deadline: Until position filled

Further Information: <http://www.dlr.de>
<http://www.daad.de/dlr>

More information may be obtained by contacting:
Dr. Andrea Munari (Andrea.Munari@dlr.de)

Thank you for your attention!
We look forward to receiving your application!