



DLR – DAAD Fellowships

Fellowship No. 457

Research Area :	Space
Research Topic:	Multi-access Edge Computing (MEC) in integrated 6G-Satellite Networks
DLR Institute:	Institute of Communications and Navigation, DLR Oberpfaffenhofen
Position:	Postdoctoral Fellow
Openings:	1
Job Specification:	The quoted position is aimed at further investigating the opportunities offered by MEC concepts applied to heterogeneous networks composed of 6G (i.e., mobile or fixed infrastructures) and 3D-satellite networks (i.e. aerial systems possibly encompassing multi-orbital platforms). The main objective is to investigate new protocol architectures and to design advanced MEC strategies based on the most recent AI/ML concepts. The overall work should be based on the current scientific literature as well as ongoing industry trends and standardisation activities (ETSI, IETF, and 3GPP). (<u>Duration 12 months</u>)
Required Qualification:	Ph.D. in Electrical Engineering or Mathematics. Enrolment in Academic/Research Institutions. Solid background in routing protocols and network architectures
Advantageous Skills:	Solid theoretical capabilities and familiarity with the Ns-3 simulator, Matlab, or other equivalent/widespread simulation tools.
English competence:	English fluent - See requirements on www.daad.de/dlr
Earliest Start Date:	01.12.2020

Application Deadline: 30.09.2020

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