
The Department of Civil and Environmental Engineering, Remote Sensing and Image Analysis Group is inviting applications for

Postdoctoral Researcher (PostDoc)

to be employed as soon as possible in research and teaching for an initial period of 3 years.

The Remote Sensing and Image Analysis Group deals with fundamental and application-oriented research on engineering tasks. Your responsibilities will include supporting the Group in research and teaching. Teaching activities should be conducted predominantly in German language. The technical focus of the research will be on remote sensing and/or computer vision. The specialization of candidate's individual research direction can be also adapted according to their previous experience as well as personal interests, for example: Semantic segmentation of remote sensing data, machine learning in particular Deep learning, evaluation of time series, fusion of heterogeneous sensor data, mobile mapping, 3D reconstruction of objects, object recognition and tracking in image sequences, bathymetry, radar remote sensing.

Applicants must hold a PhD degree or equivalent and meet the following requirements:

- Degree in engineering or natural sciences, e.g. in geodesy, computer science, electrical engineering as well as a PhD degree, ideally with a focus on image processing, photogrammetry, remote sensing, computer vision, machine learning, pattern recognition, signal processing etc.
- Programming knowledge (e.g. Python, C, C++) is required.
- Very good written and spoken German and English language skills are required.
- The ability to work in a team and the willingness to cooperate internationally in research and teaching are particularly necessary.

The fulfillment of the duties likewise enables the scientific qualifications of the candidate. Opportunity for further qualification (habilitation) is given.

The Technische Universität Darmstadt intends to increase the number of female employees and encourages female candidates to apply. In case of equal qualifications applicants with a degree of disability of at least 50 or equal will be given preference. Wages and salaries are according to the collective agreements on salary scales, which apply to the Technische Universität Darmstadt (TV-TU Darmstadt). Part-time employment is generally possible.

If we have aroused your interest in this position, then please send your application with the common documents and indicated Reference number to Prof. Dr.-Ing. Dorota Iwaszczuk, Fachbereich Bau- und mweltingenieurwissenschaften, Franziska-Braun-Str. 7, Postfach 10 06 36, 64206 Darmstadt, Germany, e-mail: iwaszczuk@geod.tu-darmstadt.de, preferably by e-mail.

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