



The Institute of Geodesy und Photogrammetry (IGP) of Technical University Braunschweig is currently offering a

**Position on Machine Learning with a focus on optical remote sensing (Pre or Post-Doc)
(EntgGr. 13/14 TV-L, 100%)**

for 3 years (extension possible).

The IGP would like to strengthen its activities in the field of machine learning with a focus on remote sensing. For this purpose, we are looking for a junior scientist. The position explicitly includes the collaboration in a DFG (German Science Foundation)-funded research project dealing with the detection of objects from aerial images.

Expectations and task description

If you already have a PhD, you have demonstrated that you have acquired the necessary skills and knowledge to work independently in academia. You strive for a scientific career and want to organize your activities in research and teaching independently in order to gain further qualifications. You work on fundamental research questions in the field of remote sensing with a focus on current deep learning methods but are also interested in cross-disciplinary research questions. You show strong commitment to PhD supervision and would like to establish a junior research group. In addition, you are expected to apply for follow-on funding, such as in the ERC program, and to promote international collaboration in networks. If you have not yet worked on a doctorate, but just finished your Master studies, you will demonstrate an interest in acquiring more in-depth knowledge and documenting your scientific work appropriately.

Profile

You have an above average M.Sc degree and a possibly PhD in photogrammetry, computer science, electrical engineering or a related field. In case you have a PhD, you have (co-)authored international publications and have experience in international collaboration and third-party funding acquisition. Good programming skills are necessary to implement and test new methods. A good command of the German language is an asset.

Depending on the assignment of tasks and fulfillment of personal requirements, the salary will be up to salary-group 14 TV-L. The position is basically suitable for part-time work. For inquiries, please contact Prof. Gerke: 0049/531/391-94570, or by e-mail at m.gerke@tu-bs.de.

The Technical University Braunschweig strives in all areas and positions to reduce underrepresentation as defined by the NHG. Therefore, applications from women are especially welcome. Severely disabled persons are preferred in case of equal aptitude; proof must be enclosed. Applications from people of all nationalities are welcome.

Personal data will be stored for the purposes of the application process. Application costs cannot be reimbursed. Please send your application with CV and certificates (summarized in one PDF file, max. 10MB) by e-mail to the address below. Applications are possible until August 31, 2021, possibly beyond until a suitable candidate is found.

Univ.-Prof. Dr.-Ing. Markus Gerke

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