

## Job opportunity for PhD candidate

The Jade University of Applied Sciences, Institute for Applied Photogrammetry and Geoinformatics (Prof. Thomas Luhmann) in Oldenburg, Germany, is offering a PhD grant in the field of advanced image matching.

We offer a three-year PhD scholarship in the field of photogrammetric 3D reconstruction based on OSGM (object-based semi-global multi-image matching). The method works with a voxel-based approach and will be further developed in this project. We expect a completed Master's degree in geodesy, photogrammetry, computer science or computer vision, good knowledge of English (or German) as well as good knowledge in programming with C++ and OpenCV. The scholarship is endowed with 1500 Euro per month (tax-free, without health insurance).

Desired skills and experiences:

- English or German language skills
- Programming experience (Mathlab, C++)
- Photogrammetry
- Least-squares adjustment
- Digital image processing

The photogrammetry group of the Institute for Applied Photogrammetry and Geoinformatics (IAPG) of Jade University of Applied Sciences in Oldenburg consists of about 10 researchers. They are active mainly in close-range photogrammetry including underwater photogrammetry, medical applications, deformation analysis, wind energy systems or cultural heritage. The IAPG is headed by Prof. Thomas Luhmann.

Candidate may send their applications including CV and references to:

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