The Institute for Photogrammetry (ifp) of Stuttgart University, Germany, offers the position of a

PostDoctoral Researcher (salary scale TV-L 13, full time)

for a duration of three years. The preferred starting date is October 2016.

We are looking for a candidate with a strong background and very good PhD in one of the disciplines Geodesy, Computer Science, Electrical Engineering or a closely related domain. Expertise and experience in Computer Vision, Photogrammetry, Remote Sensing and/or Pattern Recognition are desired. Coding (Matlab, C, C++) and language skills in English are required.

The candidate shall focus on Computer Vision or Automated Image Analysis and contribute to establish a new research group in this field at the institute. Data sources span the entire field of operational sensors in Photogrammetry and Remote Sensing, including grey value and multispectral images, SAR data, range images, video and 3D point clouds. The research shall emphasize on one or several topics as listed here:

- Segmentation and classification of data aiming at object recognition preferably by means of Convolutional Neural Networks (CNN)
- Machine learning and transfer learning
- Object recognition and object tracking in image sequences
- Automated analysis of time-series of data (e.g. for change detection)

This position will come along with some teaching obligations which can be covered by giving lectures and lab exercises in German or English in the fields Computer Vision, Photogrammetry, and Remote Sensing.

Stuttgart University is an equal opportunities employer and especially encourages applications from qualified women. Severely disabled applicants are given preferential consideration in the event of equal qualification. The employment is carried out by the Department of Human Resources of Stuttgart University.

Please send your application either in German or English language via email directly to Prof. Dr.-Ing. Uwe Sörgel, Email: soergel@ifp.uni-stuttgart.de