The Research Institute for Cognition and Robotics (CoR-Lab) offers a full-time research position in the field of Geometric Learning starting as soon as possible (E13 TV-L, non-permanent position)

**Your Tasks**

In a collaboration with the Honda Research Europe GmbH we investigate novel geometry representations for describing 3D models with very few, but geometrically meaningful parameters. By combining this representation with (deep) machine learning we will analyze and manipulate families of geometric models, for instance to transfer the style of one class of objects to another class. You will work at Bielefeld University most of the time, but will also have the opportunity to spend several weeks per year at the Honda Research Institute Europe (Offenbach, near Frankfurt) in order to intensify the collaboration and to gain insight into their research environment and scientific challenges.

**Your Profile**

We expect

- PhD in computer science, mathematics, or a related field
- very good knowledge of geometric modeling
- very good knowledge of machine learning
- good background in (applied) mathematics
- independent, self-reliant, and dedicated style of work
- ability to cooperate and work in a team
- good command of English, written and oral

**Remuneration**

Salary will be paid according to Remuneration level 13 of the Wage Agreement for Public Service in the Federal States (TV-L). As stipulated in § 2 (1) sentence 2 of the WissZeitVG (fixed-term employment), the contract will end after two years. In accordance with the provisions of the WissZeitVG and the Agreement on Satisfactory Conditions of Employment, the length of contract may differ in individual cases. The employment is designed to encourage further academic qualification. In principle, this full-time position may be changed into a part-time position, as long as this does not conflict with official needs.

Bielefeld University is particularly committed to equal opportunities and the career development of its employees. It offers attractive internal and external training and further training programmes. Employees have the opportunity to use a variety of health, counselling, and prevention programmes. Bielefeld University places great importance on a work-family balance for all its employees.

**Application Procedure**

For full consideration, your application should be received via either post (see postal address below) or email (a single PDF) document sent to botsch@techfak.uni-bielefeld.de by the April 15th, 2020. Please mark your application with the identification code: wiss20072. Please do not use application portfolios and send only photocopies of original documents because all application materials will be destroyed at the end of the selection procedure.

Further information on Bielefeld University can be found on our homepage at www.uni-bielefeld.de. Please note that the possibility of privacy breaches and unauthorized access by third parties cannot be excluded when communicating via unencrypted e-mail. Information on the processing of personal data is available https://www.uni-bielefeld.de/Universitaet/Aktuelles/Stellenausschreibungen/2019_DS-Hinweise_englisch.pdf.

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