

Vacancy Notice 178/2018

The Otto-von-Guericke-
University Magdeburg seeks
-subject to allocation of
funds- to fill the following
vacancy:

Post-Doc Researcher in the field of VR-Interaction

Faculty of Computer Science, Department of Simulation and Graphics,
Computer-Assisted Surgery Group

Salary Scale:	Date commencing:	Fixed term until:	Contract status:
14 TV-L	next possible date	3 years	100 %

Within the framework of a BMBF-funded project, collaborative VR interaction and visualization techniques are to be investigated. New tracking technologies will be used to record the positions of distributed users. Based on a series of surgical problems, highly-immersive surgical VR training scenarios will be developed and subsequently evaluated clinically. Project partners include Harvard Medical School in Boston (USA) and the University Hospital of Mainz (Germany). The project is embedded in numerous other research activities in the field of VR and visualization in medicine.

Requirements for Employment:

- Master or Diploma degree and PhD in Computer Science or a comparable subject
- Programming experience in Unity and C/C++
- Knowledge in the field of virtual reality and human-computer interaction

Experience in planning, conducting and evaluating user studies and an interest in working with physicians is also an advantage. The positions are located at the Faculty of Computer Science (Computer-Assisted Surgery Group and Visualization Group) and at the research campus *STIMULATE*.

The possibility for a habilitation is given and is supported accordingly.

If you have any questions regarding the content of the advertised position, please contact Jun.-Prof. Dr. Christian Hansen (christian.hansen@ovgu.de).

Applications from disabled persons will be given priority in the case of equal suitability, ability and professional expertise. The Otto von Guericke University aims to increase the proportion of women researchers within the university and specifically encourages women to apply.

According to the new "Federal Data Protection Act" and the "General Data Protection Regulation", an applicant has to agree that the transferred data is stored and processed, but only for the purpose for which it has been transferred. Please agree to the Federal Data Protection Act as well as the General Data Protection Regulation by mail or post. You can revoke your consent at any time. Thank you.

Please send your complete application (cover letter, curriculum vitae, references) quoting reference number 178/2018 by **August 7th, 2018 (date of receipt of application)** to the address below:



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Dezernat Personalwesen
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