University of Stuttgart

Professorship (W3)
"Machine Learning for Simulation Science"

STUTTGART CENTER FOR SIMULATION SCIENCE I AT THE EARLIEST CONVENIENCE
The new professorship will be established at the University of Stuttgart in the context of the DFG-funded Cluster of Excellence EXC 2075 "Data-integrated Simulation Science". The professor will be jointly appointed by the Stuttgart Center for Simulation Science (SC SimTech) and one of the faculties of the University of Stuttgart and will be closely linked to Cyber Valley, a research consortium in the field of artificial intelligence supported by the State of Baden-Württemberg.

We are looking for an excellent scientist with international standing who will advance the field of machine learning for simulation science in research and teaching. The new professor is expected to contribute innovative methods for machine learning and apply and integrate them in the general area of simulation sciences. The research should be tightly integrated into the project networks of the EXC SimTech (see https://www.simtech.uni-stuttgart.de) and a combination between theoretical developments and applications to engineering and/or natural sciences is welcome.

We expect contributions to teaching in the Bachelor and Master programs of the Stuttgart Center for Simulation Science and of other faculties as well as the acquisition of third-party funding and active involvement in further collaborative research projects of the University and in Cyber Valley.

The requirements for employment listed in § 47 and § 51 Landeshochschulgesetz Baden-Württemberg (State regulations for institutions of higher education) apply.

Please submit your application before **April 23rd, 2021** by email to **jobs@simtech.uni-stuttgart.de** with one PDF attachment comprising a curriculum vitae, academic degrees and certificates, full list of publications, research and teaching statements, three selected publications as well as the application form. Applications should be addressed to Prof. Dr. Thomas Ertl, Stuttgart Center for Simulation Science, University of Stuttgart, Pfaffenwaldring 5a, 70569 Stuttgart, Germany. Further information and the application form can be found here: https://www.simtech.uni-stuttgart.de/contact-jobs/. Please be aware of the risks regarding confidentiality and the integrity of your application contents when sending your application via unencrypted email.

The University of Stuttgart has been awarded "family-friendly employer". Flexible working hours, regular child care services, and family-networks allow for a better combination of professional and family life. The University of Stuttgart also offers a range of services to enhance social equity (https://www.uni-stuttgart.de/en/university/profile/equality-diversity/). Additionally, a dual career program is in place to offer assistance to partners of those moving to Stuttgart. For more information, please visit: https://www.uni-stuttgart.de/universitaet/arbeitgeber/dualcareer/