Universität

Universität Stuttgart

Institut / Einrichtung

Cluster of Excellence EXC 2075 "Data-Integrated Simulation Science (SimTech)"

Kategorie

Wissenschaftl. Stellen

Angebot

Titel

Independent Junior Research Group Leaders in Data-Integrated Simulation Science

Einsatzort

Pfaffenwaldring 5a
70569 Stuttgart
Deutschland

Beschreibung

The Cluster of Excellence EXC 2075 "Data-Integrated Simulation Science (SimTech)" at the University of Stuttgart invites applications for several positions of Independent Junior Research Group Leaders in Data-Integrated Simulation Science (f/m/d). EXC 2075 was established in 2019 in the framework of the German Excellence Strategy with an initial funding period of seven years. It builds on the previous EXC 310 which ran from 2007-2018 establishing the University of Stuttgart as a world leading research center for simulation technology. A Cluster of Excellence is the most significant and substantial grant for collaborative research funded by the German Research Foundation (DFG). SimTech is the only Cluster with a research agenda of integrating simulation science and data science into a new paradigm bringing together interdisciplinary teams of researchers from seven faculties at the University, nearby academic institutions, and international research groups.

Selected junior researchers will start and lead a new independent group within the Cluster of Excellence which will be funded for up to four years, including the group leader position (TV-L E14), funds for doctoral projects (TV-L E13), as well as start-up funds and annual budget. The new groups are expected to establish a competitive research program that contributes to the Cluster’s success by collaborating with other SimTech researchers within one of the seven project networks https://www.simtechuni-stuttgart.de/en/research/networks/.

The University of Stuttgart is an equal opportunity employer. Applications by women are strongly encouraged. Severely challenged persons will be given preference in the case of equal qualifications. The University of Stuttgart has established a Dual Career Program to assist the partners of those moving to Stuttgart. For more information, please visit the website: https://www.uni-stuttgart.de/universitaet/arbeitsgeber/dualcareer/.

Information on how the University protects personal data in accordance with Article 13 of the GDPR can be found under the following link: https://www.uni-stuttgart.de/en/privacy-notice/job-application/.

Anforderungsprofil

To complement our research activities, we are looking for highly motivated young scientists with an outstanding early-career track record (typically two years after obtaining a doctorate) and substantial international research experience in fields contributing to the Cluster’s research agenda. Successful candidates have received excellent academic degrees in engineering, natural sciences, computer science, mathematics or in related areas and have acquired profound
experience in one or more of SimTech's areas of expertise: multi-phase flows, porous media, engineered and biological structures, particle simulation, systems and control, machine learning, computational mathematics, scientific and high-performance computing, visualization, traceable adaptive infrastructures. We encourage excellent young scientists from other academic fields related to simulation and data science to apply.

Please submit your application before 17 April 2020 by e-mail to jobs@simtech.uni-stuttgart.de with a single PDF attachment comprising cover and motivation letter, academic CV, list of publications, 3-page description of past and future research activities, degree certificates and transcripts of records from Bachelor/Master/PhD degrees. Applications and two reference letters should be addressed to Prof. Dr. Thomas Ertl, Stuttgart Center for Simulation Science, University of Stuttgart, Pfaffenwaldring 5a, 70569 Stuttgart. Further information and an application form can be found here: https://www.simtech.uni-stuttgart.de/en/career/jobs/. Please be aware of the risks regarding confidentiality and the integrity of your application contents when sending your application via unencrypted e-mail.

Vergütung
TV-L E14

Art der Beschäftigung
Vollzeit

Zeitraum der Beschäftigung
up to 4 years

Bewerbungsfristende
Freitag, 17. April 2020 - 23:59

Kontakt
Vorname
Thomas

Name
Ertl

Jetzt bewerben
jobs@simtech.uni-stuttgart.de

Link zu dieser Stellenanzeige: https://www.stellenwerk-stuttgart.de/jobboerse/wissenschaftl-stellen-independent-junior-research-group-leaders-data-integrated-simulation-science-s-2020-03-16-306615

Bitte beziehen Sie sich in Ihrer Bewerbung auf https://www.stellenwerk-stuttgart.de/