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Post-Doctoral Researcher for Digital Building Construction

12.01.2022, *Wissenschaftliches Personal*

We look for a postdoc to join our team and the research associated with the DFG-funded Collaborative Research Center TRR 277 Additive Manufacturing in Construction. The position is to start in March 2022, or upon agreement.

About us

We, the TT Professorship for Digital Fabrication (Prof. Dr. Kathrin Dörfler) and the TT Professorship for Structural Design (Prof. Dr. Pierluigi D'Acunto), are engaged with bridging the gap between architectural design, structural design, and digital fabrication to enable novel design and resource-effective building constructions. Both labs are based at the Department of Architecture at the TUM School of Engineering and Design. We look for a postdoc to join our team and the research associated with the DFG-funded Collaborative Research Center TRR 277 Additive Manufacturing in Construction. The position is to start in March 2022, or upon agreement. For further information about the research topics please visit the websites: <https://www.arc.ed.tum.de/df> & <https://www.arc.ed.tum.de/sd> & <https://www.tu-braunschweig.de/trr277>

Job overview

Are you interested in additive manufacturing in construction and structural design, and enjoy working in an interdisciplinary research team? Do you have a passion for experimental research and new design strategies? Can you imagine active participation in co-coordinating the DFG-funded Collaborative Research Center TRR 277 Additive Manufacturing in Construction (AMC)? We look for a highly motivated post-doctoral researcher with an academic track record in one of the interdisciplinary fields of computational design, additive manufacturing, or robotic fabrication. Your tasks will include the co-coordination of research projects within the AMC and the coordination of research applications, participation in teaching, and knowledge transfer in the academic and non-academic environment.

Requirements

You have a PhD degree in Architecture and/or Engineering and/or have an equivalent degree. You should bring a special interest in manufacturing technology and design. Ideally, you have profound skills in scientific writing, research project development, and coordination, are familiar with programming and geometry processing, knowledge in AR/VR is advantageous. Finally, you are fluent in English (German skills are welcome but not mandatory), are highly motivated, reliable, accurate, and have excellent teamwork skills.

What we offer

We offer an interesting and interdisciplinary academic environment, a friendly research team, and excellent working conditions at the research facility of TUM. The employment takes place with the appropriate remuneration according to the collective agreement for the civil service of the countries (TV-L). The position is for a minimum period of two years and can start in March 2022 or upon agreement. TUM is aiming to increase the number of women employees, and applications from women are expressly welcomed. Preference will be given to candidates with disabilities with essentially the same qualifications.

Information to the application process

We look forward to receiving your application by the 5th of February via mail to rebekka.schlenker@tum.de. Your application should include a short cover letter and your academic CV including your list of publications.

**Hinweis zum Datenschutz:**

Im Rahmen Ihrer Bewerbung um eine Stelle an der Technischen Universität München (TUM) übermitteln Sie personenbezogene Daten. Beachten Sie bitte hierzu unsere [Datenschutzhinweise gemäß Art. 13 Datenschutz-Grundverordnung \(DSGVO\) zur Erhebung und Verarbeitung von personenbezogenen Daten im Rahmen Ihrer Bewerbung.](#) Durch die Übermittlung Ihrer Bewerbung bestätigen Sie, dass Sie die Datenschutzhinweise der TUM zur Kenntnis genommen haben.

Kontakt: rebekka.schlenker@tum.de

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