

Doctoral Scholarship

Chemnitz University of Technology invites applications for up to three doctoral scholarships in the **Coordinated Research Centre (CRC 1410) Hybrid Societies – Humans Interacting with Embodied Technologies**. Each of the scholarships has a duration of one year, starting January 1st, 2022 or by agreement. The scholarship amount is 1,468.00 € / month in accordance with regulations of the German Research Foundation (*Deutsche Forschungsgemeinschaft, DFG*).

Research Environment: Research in the CRC 1410 Hybrid Societies pertains to the interaction with Embodied Digital Technologies (EDTs) as artificial bodies moving in real or virtual environments (www.hybrid-societies.org). Interdisciplinary research in the CRC is guided by two leading questions to ultimately ensure smooth and efficient encounters between humans and embodied technologies in hybrid societies: What is required so that humans can coordinate with EDTs as smoothly as with conspecifics? How to design EDTs to meet these requirements? Cooperating researchers from psychology, engineering, computer science, human movement science, language and gesture studies, sociology, law studies, physics, and mathematics scientifically inquire the interaction of humans with EDTs from the level of single actions up to the attribution of intentionality.

Tasks: The tasks of the scholarship holder include the implementation of research in the context of the CRC and the planning of a CRC-related doctoral project. Such research might be thematically related to or thematically complementary to one or more of the CRC's subprojects. Furthermore, scholarship holders are to apply for further funding with the help of their supervisor(s) to continue their doctoral project after the duration of the scholarship.

Researchers in the CRC Hybrid Societies contribute to the CRC's joint research activities and actively participate, for instance, in research colloquia, lecture series, and workshops. Scholarship holders will regularly participate in the CRC's doctoral program (MGK) for the duration of the scholarship.

Requirements:

- University degree (Master/Diploma) in one or more fields relevant for the CRC's focus (i.e., psychology, computer science, engineering, physics, sociology, mathematics, physics, language)
- Scientific background in one or more of the fields relevant for the CRC's focus
- Solid methodological competencies
- Strong interest in research into interactions between humans and EDTs, Open Science Practices, and interdisciplinary work
- Fluent in English (both written and spoken)

Application procedure:

Applicants should send their complete application documents including

- a motivation letter (2-3 pages) with a brief description of personal qualifications and research interests (including a 1-page **draft, outline, or idea** for a **potential CRC project** or a **specific research contribution** to a CRC project),
- a brief **supervision commitment statement** for the planned doctoral project of one of the CRC project leaders,
- a tabular curriculum vitae,
- copies of degree certificates and academic transcripts,
- a publication list if applicable, and
- abstracts of Bachelor and Master/Diploma thesis (1-2 pages)

preferably as a single pdf-file via E-Mail (stating: "CRC1410_scholarship"). The closing date is **October 1st, 2021**. Please, do not include links in electronic applications. Please, send copies only. Original documents will not be returned.

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Chemnitz University of Technology is committed to ensuring an environment that provides equal opportunities and promotes diversity. To increase the number of women working in science and teaching, applications by women with the required qualifications are explicitly desired. Persons with disabilities are encouraged to apply. They will be given preference if appropriately qualified.