

The Graz University of Technology (TU Graz) is a technical-scientific research institution rich in tradition based in Austria. TU Graz is an international top performer in all its five Fields of Expertise, capitalising on intense collaborations with industry and other research facilities worldwide. Within the European higher education landscape, TU Graz is a strong player in attracting talent and resources.

The **Institute of Software Technology** at Graz University of Technology has an open position, presumably starting between April-June 2021, for a:

Postdoc position (m/f/d) in the field of Computational methods for Smart Energy Systems

Full Time (40 hours/week), for an initial fixed-term of 2 years with option to extend

Duties and Responsibilities:

The researcher will work on computational methods for smart energy systems. The re-search topics include (i) hybrid co-simulation (connection of physical and machine learn-ing models) and physical informed machine learning for different energy services such model predictive control; (ii) development and real world application of different energy services; and (iii) integration of energy services in IoT frameworks for smart buildings and cities. The researcher will be engaged in project management and funding applications.

Admission requirements

Completed doctoral degree (PhD)

Wanted Qualifications

- Domain knowledge: Budlings and Smart Energy Systems
- Experience in the application of machine learning methods
- Experience in the field of physical modelling and simulation

We offer:

- Access to the latest technologies
- Exciting opportunities for professional and personal development
- Excellent work-life balance (flexible working schedule)
- Dynamic, creative and multi-disciplinary team
- Informal and stimulating working atmosphere
- University's sports program
- Workplace Health Management
- Award for being the most family-friendly enterprise

Are you interested? Please apply with your complete application via E-Mail to gerald.schweiger@tugraz.at

The minimum collective wage for this position is € 3,945.90 gross (14 times a year, including social and health insurance) per month. Depending on your experience and qualification, overpayment is possible.

Graz University of Technology aims to increase the proportion of women and therefore qualified female applicants are explicitly encouraged to apply. Graz University of Technology actively promotes diversity and equal opportunities. People with disabilities and who have the relevant qualifications are expressly invited to apply.

Contact:

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Institute of Software Technology
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