Graz University of Technology is the longest-established university of technology in Austria. Here, successful teams of students, talented up-and-coming scientists, ambitious researchers and a lively start-up scene enjoy an inspirational environment as well as access to top-quality equipment. And all this in one of the most innovative and livable regions in Europe. TU Graz offers an inspiring working environment with outstanding infrastructure and service-oriented university management.

The **Intelligent Energy Systems Lab at Institute of Software Technology** at TU Graz has an opening for a

Postdoc Position (m/f/d) in the area of machine learning and model predictive control for intelligent buildings and energy systems

40 hours/week, for 2 years, starting presumably in October 1st, 2022

Duties and Responsibilities:
The researcher will work on computational methods for smart energy systems with a focus on machine learning based Model Predictive Control (MPC). The research topics include MPC for buildings and smart energy systems, physical informed Machine Learning, hybrid co-simulation, and the integration of energy services in IoT frameworks. The post-doc researcher will also be involved in supervising (PhD) students.

Required Skills and Qualifications:
- Completed master's or degree in computer science, engineering, applied mathematics, physics, or an equivalent degree
- Domain knowledge in budlings, smart energy systems, …
- Experience in Model Predictive Control
- Experience in machine learning
- Experience in Python

We offer:
- Interesting area of responsibility
- Flexible working schedule
- Possibility for home office (40 %)
- University's sports program
- Exciting opportunities for professional and personal development
- Top research infrastructure and access to the latest technologies
- Public transport subsidy
- Workplace Health Management
- Award for being the most family-friendly enterprise in Styria 2018
- Shopping Discounts

We offer a minimum annual gross salary based on full-time of € 56,861, overpayment possible depending on qualification and experience.
Graz University of Technology actively promotes diversity and equal opportunities. People with disabilities and who have the relevant qualifications are expressly invited to apply.

Protecting the health of our students and employees is of high importance to our university. For this reason, equally qualified candidates who are fully vaccinated against COVID-19 will be given preference.

Applications with relevant documents should be submitted by email, to gerald.schweiger@tugraz.at.

Contact
Graz University of Technology
Institute of Software Technology
Gerald Schweiger
Inffeldgasse 16B
8010 Graz

https://www.tugraz.at/institute/ist/home/

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