

Computational methods for Smart Energy Systems

Postdoc position at the Institute of Software Technology

40h/week, presumably starting between April-June 2021.

The researcher will work on computational methods for smart energy systems. The research topics include (i) hybrid co-simulation (connection of physical and machine learning 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.

Wanted Qualifications

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

Our offer

- B 1 under the collective agreement for university employees; the monthly minimum remuneration for this use is currently € 3.945,90,- gross (14 times per year, including social and health insurance)

Interested?

Gerald Schweiger: gerald.schweiger@tugraz.at