

**Sustainability is important to you and you would like to be part of a successful team?
Don't wait any longer and apply now!**

Bachelor's thesis on the topic of Computational methods for renewable energy technologies

Your task

Computational methods are key to designing and operating renewable energy systems efficiently. In this thesis, you will work on a well-defined question from our current research projects. The focus can be on simulation, data analysis, model-predictive control and optimization, or a thorough literature study.

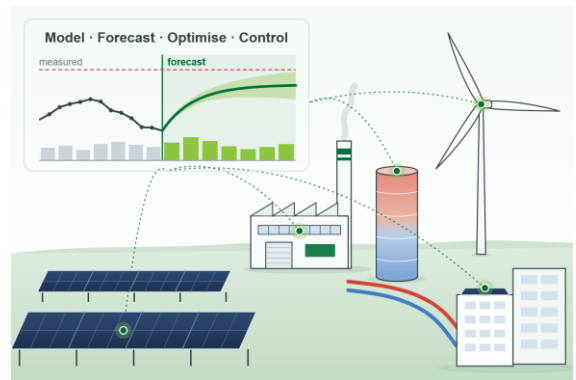
The exact scope is tailored to your interests and to the currently available projects.

Your objectives

- Literature research on a selected topic
- Modelling and simulation of energy systems
- Analysis of measurement or plant data
- Optimization and model-predictive control (MPC)
- Evaluation and validation of the results

Your profile

- **Required:** sound knowledge of energy systems and energy technology
- Programming Experience in MATLAB, Python, Julia or Rust
- Motivated to support the energy transition
- Interested in simulations, data analysis or physics-motivated modelling



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General information

- Supervision of the bachelor's thesis by BEST and the Institute of Theoretical and Computational Physics
- Integration into a dedicated team with good support
- Working on highly relevant projects that are shaping the energy transition
- Possibility for follow-up projects or a master's thesis

Start: Any time

Location: Graz, Inffeldgasse 21b

www.best-research.eu



We at BEST value and promote the diversity of skills of our employees and therefore welcome all applications. BEST also aims to increase the proportion of women and expressly encourages qualified women to apply.

Your contact person

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