

# Postdoc Research Group Ibáñez

Full Time

| Klosterneuburg (Vienna), Austria

| € 56,000 gross/year\*

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## Postdoc position: Computational scientist to evaluate thermoelectric materials

A senior postdoc position is opening in the research group of Professor Maria Ibáñez with a focus on: **Theoretical calculations for the development of high-performance thermoelectric materials.**

The [Ibáñez group](#) is currently working on the high-throughput discovery of thermoelectric material through solution processes. We are looking for a computational scientist that can support and guide our experimental work with theoretical calculations and predictions.

The research task includes:

- 1) unravel materials formation mechanism phenomena based on thermodynamic and kinetics principles
- 2) establish structure-properties relationships of thermoelectric materials using different computational tools

## Your profile

- PhD in Material Science, Chemistry, or Physics
- Extensive experience in first-principle-based strategies, other modeling techniques will be appreciated
- Experience in thermoelectrics will be valued but not indispensable
- High motivation and a proven ability to conduct independent research, as well as to work effectively as a member of a research team
- Ability to mentor PhD students
- Excellent command of English (working language)
- Excellent communication and presentation skills

**Application documents:** motivation letter, CV, and the name of three referees; **flexible start date**

**To submit your application please email:** [mibanez@ist.ac.at](mailto:mibanez@ist.ac.at)

\* This position comes with possible overpayment depending on education, qualification and work experience. IST Austria processes your personal data in accordance with the law. For more information, please refer to [www.ist.ac.at/data-protection](http://www.ist.ac.at/data-protection).

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