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

* 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.