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APPLICATION CHECKLIST



In order to provide comprehensive information of their qualifications, students are requested to submit their application via the online application form at <http://solids4fun.tuwien.ac.at> including the following:

- Curriculum Vitae
- Cover letter
- Abstract of master thesis
- Two letters of recommendation

Students will be selected in a 2-stage process including a hearing.



<http://solids4fun.tuwien.ac.at>



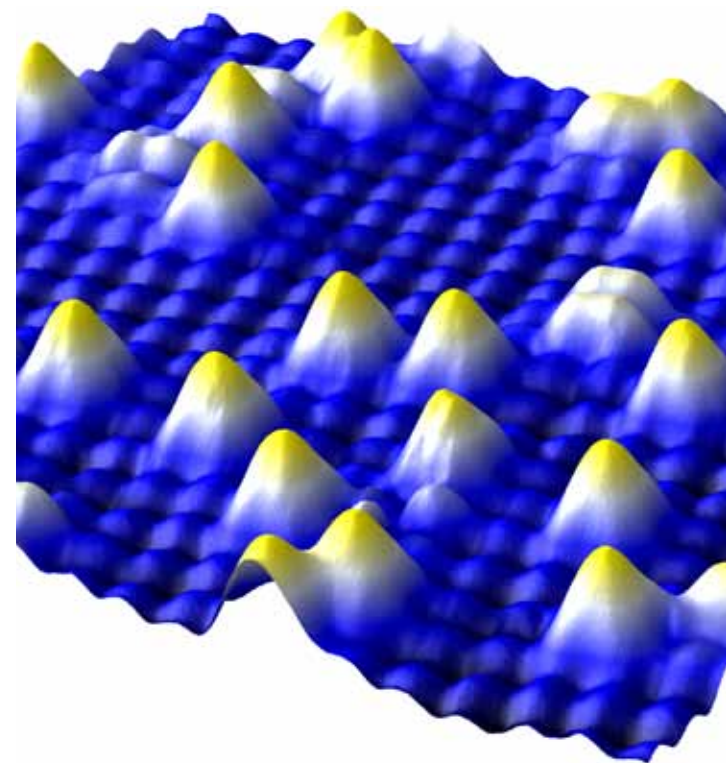
TECHNISCHE
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WIEN
Vienna University of Technology

Doctoral School



Solids4Fun

BUILDING SOLIDS FOR FUNCTION



FWF

Der Wissenschaftsfonds.

SOLIDS4FUN

The Doctoral School is an initiative co-funded by the Austrian Science Fund (FWF) and Vienna University of Technology (TU Vienna).

Solids4Fun is committed to high quality research and education and is hence recruiting interested PhD students with excellent academic records, strong enthusiasm and talent for interdisciplinary research.

A doctorate will be awarded to doctoral students who have, in addition to all the requirements according to university regulations

- conducted **high-quality scientific research** in an interdisciplinary context,
- successfully passed the **curriculum of the Doctoral School**,
- presented the results of their research at **international workshops or conferences**
- participated in **seminars and summer academies**.

RESEARCH AREAS OF SOLIDS4FUN

Surface structure and reactivity

From fundamental surface physics and chemistry to surface phenomena in catalysts, fuel cells, nanomaterials, etc.

Designed and artificial matters

From meta- and nanomaterials to clusters and, further down, to coupled atoms, spins and photons (quantum systems).

Electronic properties and correlations

New or improved properties (such as quantum phase transitions, superconductivity, thermoelectrics, catalysts, Kondo insulators) by understanding and optimizing solids.

Optical properties and ultrafast dynamics

From designed materials for optical applications to new light sources.



FACULTY MEMBERS OF THE DOCTORAL SCHOOL

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