

The University of Innsbruck invites applications for the position of a

**University Professor
of
Theoretical Solid State Physics**

at the Institute for Theoretical Physics of the Faculty of Mathematics, Computer Science, and Physics (MIP).

The position is in accordance with § 98 of the Austrian Universities' Act (Universitätsgesetz - UG) and will be based on a civil-law employment contract with the University on the basis of the Salaried Employees Act (Angestelltengesetz). The contract will be concluded for an unlimited period; the extent of employment is 100%.

Responsibilities include

Representation of the subject "Theoretical Physics" in research and teaching. The research focus should be on theoretical solid state physics, for example, in the research areas of the physics of exotic phases, the equilibrium and non-equilibrium physics of strongly correlated systems, quantum materials and quantum matter, the physics of emergent many-body phenomena, as well as in the development of corresponding numerical or analytical methods.

Collaboration with various working groups in the research focus *Physics* ("Forschungsschwerpunkt Physik") as well as collaborations with partners at other national and international top research institutions and participation in collaboration projects (e.g. Cluster of Excellence QuantA, special research areas) are expected. Collaborations with the Institute for Quantum Optics and Quantum Information (IQOQI) of the Austrian Academy of Sciences are desired. The integration of the position into the university's research focus *Scientific Computing* ("Forschungsschwerpunkt Scientific Computing") is welcome.

In teaching, the professorship should fully participate in the courses of theoretical physics. This includes the study programs in physics at the bachelor, master and PhD level as well as programs leading to secondary teacher accreditation in physics. Teaching includes the supervision of bachelor, master and PhD theses.

The holder of the position is expected to participate in the strategic development of the Faculty of Mathematics, Computer Science, and Physics (MIP) as well as in the academic self-administration of the institute and faculty.

Employment Requirements include

- a) A degree in higher education in Austria or equivalent abroad, pertinent to the position;
- b) Pertinent habilitation or comparable qualification (e.g. senior lecturer, associate professor);
- c) Excellent publications in leading international refereed journals;
- d) Internationally proven expertise in theoretical solid state physics;
- e) Evidence of involvement in international research;
- f) Extensive international experience;
- g) Experience in obtaining research funding or managing projects;
- h) Strong didactic skills;
- i) Leadership qualifications;

Applications must be submitted no later than

April 19, 2024

at Universität Innsbruck Fakultäten Servicestelle Standort Technikerstraße 17, A-6020 Innsbruck (fss-technik@uibk.ac.at).

The University of Innsbruck is committed to increasing the percentage of female employees especially in leading positions and therefore explicitly invites women to apply. In the case of equivalent qualifications, women will be given preference.

In line with the Collective Bargaining Agreement, professors are in remuneration group A 1, i.e., for a full-term professorship the basic salary is 6.362,50 Euro (14 times). A higher salary depending on qualifications and experience and the endowment of the professorship are the subject of appointment negotiations. In addition, the university offers numerous attractive additional services (<http://www.uibk.ac.at/universitaet/zusatzleistungen/>).

The application documents should contain: CV with a description of the academic and professional career; List of scientific publications, lectures and other scientific works and projects, including third-party funded projects; Description of completed, ongoing and planned research activities and the five most important works; teaching concept. The application documents must be submitted digitally by email.

The full, authoritative text in German (published in the official bulletin of the University of **06.03.2024**) and up-to-date information on the state of the opening can be found at

<https://www.uibk.ac.at/fakultaeten-servicestelle/standorte/technikerstrasse/berufung/>

Univ.-Prof.ⁱⁿ Dr.ⁱⁿ Veronika Sexl

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