



TECHNISCHE
UNIVERSITÄT
WIEN
Vienna University of Technology

We are looking for a highly motivated postdoctoral researcher in the area of experimental Condensed Matter Physics to join our Complex Oxide Systems group at Vienna University of Technology (TU Wien), Austria.

The postdoctoral researcher will be working in the field of interface engineering of transition metal oxides. The research project will focus on studying the physical properties of novel perovskite-related oxide heterostructures (i.e. thin films, superlattices). The successful candidate will be involved in sample growth by RHEED-equipped sputtering and advanced characterization of the electronic properties (i.e. magnetism, transport) of the grown oxide heterostructures.

The researcher will be based in the stimulating multidisciplinary environment of the Vienna University of Technology (TU Wien, Austria) and will also benefit from strong collaborations with international experimental and theory groups. Measurements in synchrotrons and participation in international conferences are also planned. The position can be extended to a maximum of 6 years. Expected start: as soon as possible.

To be a successful candidate, you should possess a PhD in experimental condensed matter, an excellent academic record, good communicative skills, and strong self-motivation. You should also be technically skilled, and knowledge of programming is advantageous. High proficiency in spoken and written English is mandatory.

We look forward to receiving your application, including a cover letter (indicating motivation and skills), a CV and the contact details of at least two academic referees.

Applications and questions should be sent to Prof. Marta Gibert (marta.gibert@ifp.tuwien.ac.at).

Entry-level salary as a predoctoral researcher is covered by level B1 of the Austrian Collective Agreement for university staff and receives a minimum of currently EUR 3,945.90/month gross, 14 times/year. Relevant working experiences may increase the monthly income.