



The **Vienna School of Mathematics (VSM)** is a joint graduate school of the mathematics faculties of the **University of Vienna** and the **TU Wien**. The VSM is devoted to top-level PhD education in all branches of mathematics. It fosters intra- and interdisciplinary scientific cooperation and networking among students and advisors and aims at increasing the international visibility of the Vienna area as a center for mathematics.

The VSM currently announces a PhD position in the area of

**Lasso-type methods for pattern selection in high-dimensional statistics
(Technische Universität Wien, Supervisor: Ulrike Schneider)**

The PhD project will revolve around model and pattern selection in high-dimensional statistics based on penalized estimation methods, such as Lasso-type methods.

The basic requirement for the position is a good working knowledge and/or a strong interest in at least one of the fields connected to the PhD project: estimation methods and inference in high-dimensional statistics, model and pattern selection by Lasso-type methods, convex optimization and geometric aspects in penalized estimation.

The advertised position is associated with the Institute of Statistics and Mathematical Methods in Economics of the Technische Universität Wien in the Research Unit Econometrics. The successful candidate will become a member of the Vienna School of Mathematics and is expected to actively contribute to its activities. The extent of employment is 30 hours per week. The position can start as soon as possible.

Application Requirements and Procedure

Candidates must hold a Master's degree (or equivalent) in Mathematics, Statistics or related field at the time of employment. The application should contain a statement of interest, CV, copies of academic credentials and contact information of two referees or two reference letters. Please upload your application under <https://jobs.tuwien.ac.at/Job/223802>. The application deadline **January 25, 2024**.