



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

### **Algebraic and Model theoretic Methods in Infinite-Domain Constraint Satisfaction (Technische Universität Wien, Supervisor: Michael Pinsker)**

within the project POCOCOP (Polynomial-time Computation: Opening the Blackboxes in Constraint Problems) of the European Research Council (ERC). The basic requirement for the position is a good working knowledge in at least one of the fields connected to these projects: algebra, mathematical logic, and theoretical computer science.

The advertised position is associated with the Institute of Discrete Mathematics and Geometry of the Technische Universität Wien in the Research group Algebra. 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 starting date of the position is flexible.

#### **Application Requirements and Procedure**

The candidates must have a master degree (or equivalent) in Mathematics at the moment the PhD position starts. The application documents should contain a letter of motivation; the scientific CV with publications list; higher education certificates/diplomas; and letter(s) of recommendation preferably sent directly to [michael.pinsker@tuwien.ac.at](mailto:michael.pinsker@tuwien.ac.at) by the person writing the letter. Applications have to be sent to [michael.pinsker@tuwien.ac.at](mailto:michael.pinsker@tuwien.ac.at), if possible in a single PDF file. The deadline for applications is **April 21, 2023**.