

PostDoc and PhD Student Positions (f/m) in Mathematics

We announce the opening of several

- PostDoc positions,
- PhD Student positions

in Mathematics. All positions are in the Special Research Program „Quasi-Monte Carlo Methods: Theory and Applications“, and the positions are available in the following sub-projects:

- Sub-project led by Aicke Hinrichs, carried out at the Department Analysis of the Johannes Kepler University Linz, Austria.
- Sub-project led by Gerhard Larcher, carried out at the Department of Financial Mathematics and Applied Number Theory of the Johannes Kepler University Linz, Austria.
- Sub-project led by Peter Kritzer, carried out at the Johann Radon Institute for Computational and Applied Mathematics (RICAM) of the Austrian Academy of Sciences in Linz, Austria.

The successful applicants will work in a cluster of research groups on the topics of Quasi-Monte Carlo Algorithms, Numerical Analysis, Multivariate Algorithms, Uniform Distribution Theory, and their applications.

Further details on the Special Research Program and its sub-projects are available at <http://www.sfb-qmc.jku.at/>

All positions are advertised for a maximum length of four years with a negotiable start date, but ending not later than January 31, 2022. There is a probation period of one year.

Requirements: For the PostDoc position: completed PhD degree in mathematics or a closely related field with strong background in mathematics; experience in publication and presentation of scientific results. For the PhD Student position: completed Master's degree (or equivalent) in mathematics or a closely related field with strong background in mathematics;

Preference is given to candidates with solid knowledge in at least one of the following fields: number theory, numerical analysis, scientific computing, or functional analysis. We are looking for talented and self-motivated applicants with good command of English and the capacity for teamwork.

Contract: The yearly gross salary for the positions is based on the salary scale of the FWF, and is EUR 50912.40 for the PostDoc positions (40 hours per week), and EUR 28994 for the PhD student positions (30 hours per week).

Applications: Applicants should provide a letter of motivation addressed to the research program leader, Prof. Gerhard Larcher, curriculum vitae, list of publications, list of talks and presentations, and the names and contact details of two referees. Applicants are invited to send their application documents in one pdf file, and (for the PostDoc position) a pdf file of their doctoral thesis, by e-mail to officeSFB@jku.at. Deadline for applications is March 15, 2018.