



The Department of Mathematics invites applications for 11.75 positions as

Research Assistant

to be filled as of October 1st 2018, available for the duration of up to 3 years with the possibility of extension.

M.Sc.-degree or equivalent in mathematics or a related subject with final grades above average; interest in research and teaching (primarily in German).

It is the goal of the employment to acquire a PhD level in one of the research areas represented in the department (see <https://www.mathematik.tu-darmstadt.de/research/ags/index.de.jsp>). Candidates holding a doctorate may also seek qualification towards a higher level such as “Habilitation”.

Of particular interest will be candidates whose interests lie in one of the areas Mathematical Statistics (Prof. Kohler), Probability Theory (Prof. Aurzada), Optimization with Partial Differential Equations or Numerics for PDEs (Prof. Wollner), Navier-Stokes Equations (Prof. Farwig), Random Permutations and Analytic Combinatorics (Prof. Betz), Regularity Structures for Equations of Fluid Dynamics (Prof. Betz), Differential Geometry (Prof. Große-Brauckmann), Number Theory (Prof. von Pippich), Siegel Modular Forms and Moduli Spaces (Prof. Scheithauer), Automorphic Forms and Number Theory (Prof. Li), Numerics for Partial Differential Equations (Prof. Lang), Discrete Optimization and Machine Learning (Prof. Pfetsch), Operator Algebras and Quantum Stochastics (Prof. Kümmerer), Partial Differential Equations (Prof. Hieber) or Mathematical Optimization (RG Optimierung).

Candidates are requested to outline in their application their personal research interests and sketch their possible connections to the research areas present in the department.

The fulfillment of the duties likewise enables the scientific qualifications of the candidate. Opportunity for further qualification (doctoral dissertation/habilitation) is given.

The Technische Universität Darmstadt intends to increase the number of female employees and encourages female candidates to apply. In case of equal qualifications applicants with a degree of disability of at least 50 or equal will be given preference. Wages and salaries are according to the collective agreements on salary scales, which apply to the Technische Universität Darmstadt (TV-TU Darmstadt). Part-time employment is generally possible.

Applications stating the code number and including the customary documents are sent to the Dean of the Department of Mathematics, Schlossgartenstr. 7, 64289 Darmstadt (Germany), [bewerbung \[at\] mathematik.tu-darmstadt.de](mailto:bewerbung@mathematik.tu-darmstadt.de) (please enclose a single .pdf-file of at most 5 MB). For general questions concerning your application please contact the departmental coordinator, Dr. Andreas Mars, [personal \[at\] mathematik.tu-darmstadt.de](mailto:personal@mathematik.tu-darmstadt.de).

Applications via encrypted mail are welcome. Our public PGP-key is available on the website of the department. Please do not submit originals of any documents, as they cannot be sent back after filling the positions.

Code. No. 278

Application deadline: July 16, 2018
