



The Mathematics Department of Technische Universität Darmstadt welcomes applications for the following open professor positions. The vacancies should be filled as soon as possible:

Professor (W3) for Mathematics in the research areas Numerical Analysis and Scientific Computing (Ref. No. 268)

Applicants should have an outstanding research record in a current field of Scientific Computing and of Numerics of Partial Differential Equations. The successful candidate should be interested in a close co-operation with the Excellence Cluster "Center of Smart Interfaces" or the Graduate School "Computational Engineering" as well as with the International Research Training Group "Mathematical Fluid Dynamics". Willingness to co-operate with the other research groups in the department is essential. Experience with applied research projects and in the acquisition of third-party funding is desired.

Successful candidates are expected to teach classes in all mathematical degree schemes. An adequate participation in the basic mathematical training in the engineering and natural sciences is also required. Therefore not only scientific qualifications but also didactic skills are seen as a basic requirement.

Professor (W3) for Mathematics in the research area Discrete Optimization (in succession of Prof. A. Martin) (Ref. No. 269)

The Department welcomes applications of outstanding researchers in the area of Discrete Optimization. Applications of scientists in the fields of Mixed-Integer Nonlinear Optimization with expertise in Discrete Optimization are also encouraged. Willingness to co-operate with the other research groups in the Department is essential.

Experience with applied research projects and in the acquisition of third-party research funding is desired as well as future collaboration in interdisciplinary research projects, especially in the excellence initiatives (e.g. in the Graduate School "Computational Engineering", in the LOEWE Center AdRIA, or in the Excellence Cluster "Center of Smart Interfaces") as well as in the Collaborative Research Centers 666 and 805.

Successful candidates are expected to teach classes in all mathematical degree schemes, in particular in our study program "Mathematics and Economics". An adequate participation in the basic mathematical training in the engineering and natural sciences is also required. Therefore not only scientific qualifications but also didactic skills are seen as a basic requirement.

Applicants should be qualified as university lecturers or have an equivalent scientific qualification.

The position is tenured with a remuneration package commensurate with experience and qualifications, following the German "W-Besoldung". The regulations for employment are specified under §§ 61 and 62 HHG (Hessisches Hochschulgesetz).

The Technische Universität Darmstadt intends to increase the number of female faculty members and encourages female candidates to apply. In

Professor (W3) for Mathematics in the research areas Representation Theory and Geometry (in succession of Prof. K.-H. Neeb) (Ref. No. 270)

The Department is looking for candidates with an outstanding research record in pure mathematics. His or her research should deal with algebraic structures in Geometry and Analysis, for instance, in an active area of Representation Theory, Complex Geometry, Lie Theory, or Mathematical Physics. Connections to existing main research areas in the department (e.g. to the International Research Training Group "Mathematical Fluid Dynamics") are desirable. Willingness to participate in collaborative work and to attract third-party research funds is expected of the successful candidate.

Successful candidates are expected to teach classes in all mathematical degree schemes. An adequate participation in the basic mathematical training in the engineering and natural sciences is also required. Therefore not only scientific qualifications but also didactic skills are seen as a basic requirement.

Professor (W2) for Mathematics in the research area Stochastics (Ref. No. 271)

Applicants should have an outstanding research record in a current field of Stochastics. Links with existing main research activities in the department (especially the International Research Training Group "Mathematical Fluid Dynamics") and to the engineering departments of TU Darmstadt (e.g., the Excellence Cluster "Center of Smart Interfaces" or the Graduate School "Computational Engineering") are desirable. Acquisition of third-party research funding is expected of the successful candidate.

Successful candidates are expected to teach classes in all mathematical degree schemes, in particular in our study program "Mathematics and Economics". An adequate participation in the basic mathematical training in the engineering and natural sciences is also required. Therefore not only scientific qualifications but also didactic skills are seen as a basic requirement.

case of equal qualifications severely disabled applicants will be given preference.

Please send your full application, including ref. no., CV, certificates of qualification, publication list, details of further scientific activities as well as of previous teaching posts, including relevant teaching evaluations if applicable, to: Dekan des Fachbereichs Mathematik, Schlossgartenstr. 7, 64289 Darmstadt, Germany.

Application deadline: 25. October 2010
