

Within the **Chair for Geometry and Visualization at the Zentrum Mathematik** of the Technische Universität München (TUM) there is an opening for a

PhD Position, 75% in Mathematics or Computer Science

This research position is situated within the sub-project „Interactive tools for research and demonstration“ which is part of the Collaborative Research Centre SFB TRR109 “Discretization in Geometry and Dynamics”. In this project, we create software platforms, applications and frameworks which, based on mathematic foundations, enable interactive work with mathematical objects from the fields of geometry and dynamical systems.

Profile:

As well as an outstanding Master’s Degree in Mathematics or Computer Science we expect:

- the ability to work independently on a high scientific level
- good command of the English language (German language skills are an advantage!)
- independence, flexibility and the ability to work in a team
- previous experience and knowledge of at least one of the following fields:
geometry, dynamical systems, complex analysis, numerics of differential equations
- substantial and practical expertise in programming, as well as very good knowledge in at least one, ideally several of the following: JavaScript; HTML5; OpenGL; WebGL; iOS Programmierung.

Should you require further information please contact the project leader, Prof. Dr. Dr. Jürgen Richter-Gebert via email at richter@ma.tum.de or visit our website: www.discretization.de

We offer an interesting, varied and challenging position within a young, international and interdisciplinary team located at the Garching Campus and the opportunity to work on an active, interregional research project funded by the German Research Foundation (DFG). The position is initially funded until June 2016 and is paid according to the Civil Service rates of the German States “TV-L”, E13.

Interested?

Candidates should send their applications (C.V., copies of all relevant examination certificates and academic testimonials) by 16.05.2014 as an email (in one pdf file) to: clayton@ma.tum.de
Technische Universität München, Zentrum Mathematik, Diane Clayton-Winter, SFB TRR109