Call for Applications

PhD position (f/m) available at RICAM

We are looking for a PhD student to work within the project „Fast Solvers for Isogeometric Analysis", which is funded by the Austrian Science fund (FWF) under grant P31048 and led by Stefan Takacs. The starting date of the project can be adjusted to the candidate's needs, but should not be later than October 2018.

The main research goal of the project is the construction and the analysis of fast numerical methods for solving linear systems arizing from the discretization of partial differential equations with isogeometric analysis. The job includes both analysis of new algorithms and their implementation. The selected candidate will have the opportunity to present the results on scientific conferences worldwide and to earn a PhD degree from the Johannes Kepler University (JKU), Linz, Austria. The candidate is required to have a master degree (or equivalent) in mathematics or a related field. Preferably, the candidate should be familiar with numerical analysis of partial differential equations and should have good programming skills.

We offer in accordance with the rules of the FWF a yearly gross salary of EUR 29.573,60 within a 75% employment (30 hours per week). Funding would be possible for up to four years. The selected candidate will be located at the RICAM (https://www.ricam.oeaw.ac.at/), Linz, Austria. The institute, which is part of the Austrian Academy of Sciences (ÖAW), offers high standard research and life conditions. The Austrian Academy of Sciences is an equal opportunity employer.

The application should be sent as one single pdf file per e-mail to the project leader Stefan Takacs (stefan.takacs@ricam.oeaw.ac.at). The application should contain a curriculum vitae and information on the lectures successfully completed during the studies. Moreover, a copy of the master certificate and a copy of the master's thesis should be attached. The deadline for applications is 31 May 2018.

Please feel free, to contact the project leader Stefan Takacs for any information regarding this position (as the detailed research topics, duties and benefits of the positions, etc.).