



The **Rheinische Friedrich-Wilhelms-Universität** Bonn is an international research university with a broad spectrum of disciplines. 200 years of history, around 38,000 students, more than 6,000 employees and an excellent reputation at home and abroad: The University of Bonn is one of the most important universities in Germany and has just been awarded the title of Excellence University.

Within the Department of Mathematics a

PhD position (100%) in Mathematics (Numerical Analysis)

at the Institute of Numerical Simulation is to be filled **as soon as possible** for a period of three years.

The research group of Prof. Dr. Jürgen Dölz is interested in the development, mathematical analysis, and implementation of fast numerical methods to quantify uncertainties in electromagnetic problems.

Your duties:

- Support of the research activities of the chair in the context of a PhD in the field of numerical analysis,
- teaching obligation in the scope of 4 semester hours per week.

Your profile:

- University degree (Master) in mathematics,
- structured, independent, solution-oriented work ethics with high quality standards,
- interest in numerical methods and the simulation of physical phenomena,
- programming knowledge in Matlab, C++ or comparable.

We offer:

- A diverse and demanding job with one of the largest employers in the region,
- company pension scheme (VBL),
- numerous offers of university sports,
- very good transport connections or the possibility to purchase a VRS major customer ticket or to use inexpensive parking facilities,
- salary according to salary group 13 TV-L.

The University of Bonn is committed to diversity and equal opportunities. It is certified as a family-friendly university. Its aim is to increase the proportion of women in areas where women are under-represented and to particularly promote their careers. It therefore urges women with relevant qualifications to apply. Applications are treated in accordance with the Land Equality Act. The application of suitable people with proven severe disabilities and persons of equivalent status is particularly welcome.

If you are interested in this position, please send your application documents including cover letter, curriculum vitae and certificates by 31st October 2020 and only in single a PDF file by e-mail to doelz@ins.uni-bonn.de with the application code 07.20.3.31. Please address any questions regarding the position described to Prof. Dr. Jürgen Dölz at the same address.