

Job ID: RICAM086DOC22

The Johann Radon Institute for Computational and Applied Mathematics ([RICAM](#)) of the Austrian Academy of Sciences ([OeAW](#)), Austria's leading non-university research and science institution in Applied Mathematics, focuses on basic research in applied mathematics, and within the Institute mathematicians from all around the globe collaborate on common core areas in mathematical modeling, simulation, inverse problems and optimization. RICAM has proven to stand for excellence in research, as can be seen from a high level of publications and the popularity of the Institute's Special Semesters within the academic community. The working groups at RICAM provide a broad field of expertise over a whole range of different subjects, and together they create an exciting atmosphere to carry out research in applied mathematics. The institute is offering a

PHD STUDENT POSITION (F*M)

in Applied Mathematics

(part-time, 30h per week)

open from September 1, 2022 until December 31, 2023. Closing date for applications: July 31, 2022.

The position is affiliated with the Transfer Group at RICAM, located in Linz/Austria.

The hired person should work on the development, analysis and implementation of efficient numerical methods for the analysis of MRI data from the human brain, in particular in connection with pulse wave velocity estimation in blood vessels in the brain.

Your profile:

- Master's degree in mathematics.
- Strong background in Applied Mathematics, in particular in Inverse Problems.
- Familiarity or experience with Matlab and/or C++ programming languages.
- English skills mandatory.

Our offer:

- Excellent opportunities to work in a lively research environment and collaborate with international experts in the fields related to the project.
- An annual gross salary of € 32.297,58 according to the salary scheme of the Austrian Academy of Sciences.

Applications including a scientific CV, a short research statement, and references for possible recommendation letters should be sent by e-mail to Prof. Dr. Ronny Ramlau, ronny.ramlau@ricam.oeaw.ac.at, mentioning Job ID: RICAM086DOC22, **no later than July 31, 2022**.

The Austrian Academy of Sciences (OeAW) pursues a non-discriminatory employment policy and values equal opportunities, as well as diversity. Individuals from underrepresented groups are particularly encouraged to apply.

FWF

Der Wissenschaftsfonds.