

Job ID: RICAM187PD221

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 Institute is offering a

**POSTDOC POSITION (F\*M)**  
*in the Inverse Problems and Mathematical Imaging Group*  
(full-time, 40hrs per week)

open from February 01, 2022, to December 31, 2022.

The hired person will work on the development and implementation of mathematical models and numerical algorithms for Adaptive Ultrasound Systems in medical applications. In particular, stable reconstruction methods will be developed in order to improve the image quality of current ultrasound scanning systems.

The working languages are English and German. For more information contact Prof. Ronny Ramlau at: [ronny.ramlau@ricam.oeaw.ac.at](mailto:ronny.ramlau@ricam.oeaw.ac.at).

**Your profile:**

- PhD in Applied mathematics.
- Strong background in numerical mathematics and modelling.
- Experience in HPC, Inverse Problems and/or Optimization.
- English skills needed.

**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 € 55.242,60 (before taxes) according to the salary scheme of the Austrian Science Fund. Depending on qualification and experience salary can be negotiated.

Please send your applications with personal and scientific data and a brief statement about scientific interests and achievements via e-mail to [ronny.ramlau@ricam.oeaw.ac.at](mailto:ronny.ramlau@ricam.oeaw.ac.at), mentioning Job ID: RICAM187PD221, **no later than January 15, 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*