Job ID: RICAM090PD124

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 now offering a

POSTDOC POSITION (F/M/X)

in the Inverse Problems and Mathematical Imaging Group

(full-time, 40h per week)

for an initial period of one year (with possible extensions up to a maximum of six years), starting on August 01st, 2024.

The full-time position is affiliated with the "Inverse Problems and Mathematical Imaging" Group (led by Professor Otmar Scherzer) at RICAM, located in Linz/Austria.

Your tasks:
The hired person will work on regularization methods for nonlinear ill-posed problems and applications in optics and microscoping.

Your profile:

- Doctorate in Applied Mathematics or a closely related field is required
- Strong interests in Inverse Problems
- Expert knowledge in either one of the following topics Mathematical Modeling of Imaging Systems, Mathematical Tomography, Regularization Theory, Iterative Algorithms or Optimization is preferential
- 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 € 66.501,40 according to the salary scheme of the Austrian Academy of Sciences

Applications with personal and scientific data and a compact statement about scientific interests and achievements should be sent by e-mail to otmar.scherzer@ricam.oeaw.ac.at **no later than July 10th, 2024.**

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.

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