

Job ID: RICAM039PD223

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, optimization, and symbolic computation. 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

POSTDOC POSITION (F/M/X)

(full-time, 40h per week)

The position is offered for an initial period of one year with possible extension at most until the end of the project. The position is within the framework of the FWF-funded project I 6233, "Paradoxical flexibility of frameworks" led by Georg Grasegger, and is affiliated with RICAM, located in Linz, Austria. This is an international project with Jan Legerský at the *Czech Technical University*.

The hired person should work on problems of paradoxical motions in the context of rigidity theory related to the project, including classifications and algorithmic determination of flexible frameworks in different settings. For example, symmetric flexibility and flexibility of (globally) rigid graphs shall be investigated.

Your profile:

- Completed doctorate in mathematics or applied mathematics.
- Background in rigidity theory and/or its applications.
- Background in algebraic geometry and/or graph theory is welcome.
- Programming skills are welcome.
- Strong skills of English.
- Experience in mathematical research at an internationally competitive level, in publishing results in internationally refereed journals of high quality, and in giving scientific presentations at international conferences and workshops.

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 € 60.926,60 according to the salary scheme of the Austrian Science Fund (**FWF**)

We invite you to send your application with personal and scientific data, a letter of motivation, and a current CV via e-mail to georg.grasegger@ricam.oeaw.ac.at (mentioning Job ID: RICAM039PD223) **no later than May 23th, 2023**.



Der Wissenschaftsfonds.

The Austrian Academy of Sciences (ÖAW) 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.