

Job ID: RICAM150PD222

The Johann Radon Institute for Computational and Applied Mathematics ([RICAM](#)) of the Austrian Academy of Sciences ([ÖAW](#)), Austria's leading non-university research and science institution in Applied Mathematics, is offering a

POST-DOC POSITION (F*M)

(full-time, 40hr 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*.

Your tasks:

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
- Strong background in rigidity theory and/or its applications
- Background in algebraic geometry and/or graph theory
- Programming skills are beneficial
- Strong English skills
- 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 € 56.861,- 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 no later than **November 30th, 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.



Der Wissenschaftsfonds.