

Job ID: RICAM074PD121

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. The Institute 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 the institute 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. RICAM is offering a

## POSTDOC POSITION (F\*M) *in Symbolic Computation* (full-time, 40 hrs per week)

for a duration of 12 months, starting on September 1, 2021. The research focus will be adjusted according to the interests of the successful candidate, but interdisciplinary cooperations with applied mathematicians are a central goal of the group.

The main task will be to investigate adaptations/generalizations of the method of creative telescoping to multivariate summation, taking up ideas and first results that have been found by RICAM employees in the SFB "Algorithmic und Enumerative Combinatorics".

### Your profile:

- Strong background in Computer Algebra.
- Familiarity with the one of the following fields: Symbolic Summation, Polynomial System Solving, Computational Algebra.
- PhD degree in mathematics.
- 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 € 55.242,60 (before taxes) according to the salary scheme of the Austrian Science Fund ([FWF](#)).

Please send your applications including a scientific CV, a short research statement, and references for possible recommendation letters via e-mail to [josef.schicho@ricam.oeaw.ac.at](mailto:josef.schicho@ricam.oeaw.ac.at) (mentioning Job ID: RICAM074PD121) **no later than July 31, 2021.**

*The Austrian Academy of Sciences (OeAW) pursues a non-discriminatory employment policy and values equal opportunities, as well as diversity. The OeAW lays special emphasis on increasing the number of women in senior and in academic positions. Given equal qualifications, preference will be given to female applicants.*