

RICAM120PD123

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 Symbolic Computation* (full-time, 40h per week)

for an initial period of one year (with possible extensions), starting on April 01st, 2024. The hired person will do scientific work on algorithmic manipulations of symbolic objects (e.g. polynomials). Since the scientific activities will be integrated into the existing group, the special topic inside symbolic computation should be related to the topics that are currently investigated in the Symbolic Computation group at RICAM. These are computational kinematics, rigidity theory, computational algebraic geometry, symbolic summation or integration, and incidence geometry. 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.

Your profile:

- PhD degree in mathematics.
- Strong background in Computer Algebra.
- Familiarity with the one of the following fields: Polynomial System Solving, Computational Algebra, Algorithmic Combinatorics.
- 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 € 60,926.60 according to the collective agreement of the Austrian Academy of Sciences.

Applications including a scientific CV, a short research statement, and references for possible recommendation letters should be sent by e-mail to josef.schicho@ricam.oeaw.ac.at until **January 31st, 2024** or later if no suitable candidate is found until then.

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.