



AUSTRIAN
ACADEMY OF
SCIENCES

RICAM
JOHANN · RADON · INSTITUTE
FOR COMPUTATIONAL AND APPLIED MATHEMATICS

PostDoc Position (f/m) in Algorithmic and Enumerative Combinatorics

We are offering a PostDoc position (full-time, i.e., 40 hours/week) in the FWF-funded special research programme (SFB) “Algorithmic and Enumerative Combinatorics”, project part “Certificate-free Summation and Integration” lead by Priv.-Doz. Dr. Christoph Koutschan. The project is affiliated with the Symbolic Computation Group at the Johann Radon Institute for Computational and Applied Mathematics (RICAM) of the Austrian Academy of Sciences, located in Linz, Austria. The SFB joins the forces of the Combinatorics Group at the University of Vienna, the Combinatorics and Algorithms Group at the Vienna University of Technology, and the joint Symbolic Combinatorics Group in Linz formed by the RISC and the Institute for Algebra at the Johannes Kepler University Linz, and the RICAM at the Austrian Academy of Sciences. For more specific information see the SFB website (www.sfb050.risc.jku.at).

We search for candidates with a PhD in mathematics or a closely related field. The project’s aim is to develop computer algebra methods (symbolic summation and integration, linear differential and difference operators, creative telescoping) and to apply them in enumerative combinatorics. Interdisciplinary cooperations with the other project parts of the SFB are a central goal of the project. A strong background in Symbolic Computation and Combinatorics is expected, including some programming experience in a computer algebra system. The working language is English.

Applications including a scientific CV, a list of publications, a short research statement, and references for possible recommendation letters should be sent by e-mail to Priv.-Doz. Dr. Christoph Koutschan (christoph.koutschan@ricam.oeaw.ac.at) by December 31, 2018. The successful candidate will be offered a research position for one or two years with a gross salary of 3711,10 EUR per month ([FWF standard salaries](#)). The position will be vacant starting from January 2019. Late applications will be considered until the position is filled. The Austrian Academy of Sciences is an equal opportunity employer.

RICAM went into operation on January 1, 2003 and has established research groups in different areas of mathematics, such as Computational Methods for PDEs, Geometry in Simulations, Inverse Problems and Mathematical Imaging, Optimization and Optimal Control, and Symbolic Computation. The Institute is located on the campus of the Johannes Kepler University in Linz, a city with approximately 200,000 inhabitants. Linz is located on the Danube, close to the Austrian Alps and half-way between Vienna and Salzburg. Further information is available at www.ricam.oeaw.ac.at.