



ÖAW - Forschen für die Welt von morgen

As a central non-university institution for science and research, the **Austrian Academy of Sciences - OeAW** has the task of **"promoting science in every respect"**. Founded in 1847 as a learned society, it now has over 760 members and around 1,800 employees dedicated to innovative basic research, interdisciplinary knowledge exchange and the dissemination of new insights. The OeAW initiates and maintains partnerships worldwide and represents Austria in international scientific organizations; it cooperates with numerous institutions in the scientific field in order to actively **shape the research landscape**.



PRAEDOC DISS (F/M/X) in Finite Fields and Applications

Job ID: RICAM034DOC225

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 position as

PRAEDOC DISS (F/M/X) in Finite Fields and Applications .

(Part-time employee)

for a duration of 24 months, with a negotiable starting date.

Ihr Aufgabenbereich

The position is within the framework of the FWF-funded project PAT 4719224, "Generalized cyclotomic mappings of finite fields" led by Dr. Arne Winterhof, and is affiliated with RICAM, located in Linz/Austria.

The hired person should work on problems in Finite Fields and Applications, in particular, those related to Cyclotomic Mappings, and related subjects. For further information, please contact Dr. Arne Winterhof at arne.winterhof@oeaw.ac.at, subject PhD.

Ihr Profil

- Completed master in mathematics or applied mathematics.
- Some background in fields related to Finite Fields and Group Theory, in particular, Polynomials and Character Sums.
- First 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.
- Strong skills of English.

Unser Angebot

- 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 € 39.208,79, according to the collective agreement of the Austrian Academy of Sciences.

Please apply online including a personal and scientific data, in particular, reference list, and a current CV **no later than March 31st, 2025**. The position will remain open until filled.

JETZT BEWERBEN

Die Österreichische Akademie der Wissenschaften (ÖAW) verfolgt eine diskriminierungsfreie Beschäftigungspolitik und legt Wert auf Chancengleichheit sowie Vielfalt. Insbesondere Personen aus unterrepräsentierten Gruppen werden ausdrücklich ermutigt, sich zu bewerben.

Kontakt

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