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 the Transfer Group

Job ID: RICAM024DOC225

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

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(Part-time employee)

Ihr Aufgabenbereich

The position is available for a duration of three years. Closing date for applications: June 01, 2025. Place of employment is Linz. The working languages are English and German.

The World’s biggest eye on the sky, the Extremely Large Telescope, is currently built in Chile. It is planned to see first light, i.e., to go into operation, before 2030. Become part of the expert team developing mathematical methods for this revolutionary telescope! For more information contact Prof. Ronny Ramlau at ronny.ramlau@ricam.oeaw.ac.at, or Dr. Victoria Laidlaw at victoria.laidlaw@jku.at.

Your profile:

- Conduct original scientific research in the field of inverse problems applied for extremely large telescopes (theoretical analysis, development and implementation of algorithms, simulations and experimental tests) Be part of a doctoral training and work towards obtaining a PhD in technical sciences
- Collaborate with scientists and students working in other fields covered by the mathematical and astronomical research network
- Publish scientific findings in renowned international journals and at conferences
- Complete trainings or short-term research stays at international collaboration partners

Ihr Profil

- Master's degree in mathematics or a comparable degree
- Expertise in applied mathematics, preferably in the field of inverse problems

- Knowledge of optics advantageous
- Very good knowledge of English

Unser Angebot

- Excellent opportunities to work in a lively research environment and collaborate with international experts as well as industrial partners 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.

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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