



OeAW - Discovering the future

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**.



Postdoc (f/m/x) in Computational Methods for PDEs Group

Job ID: RICAM078PD126

The Austrian Academy of Sciences (OeAW), Austria's leading non-university research and science institution, is offering a Position as

Postdoc (f/m/x) in Computational Methods for PDEs Group

(full-time, 40 h per week)

in the research group “Computational Methods for Partial Differential Equations”. The position is offered for a period of three years and to be filled at the earliest possible date.

Your Tasks

The full-time position is affiliated with the research group “Computational Methods for Partial Differential Equations” (led by Prof. Herbert Egger) at RICAM, located in Linz/Austria.

The successful candidate should contribute to the groups research in computational mathematics, numerical methods, and scientific computing for engineering and physics applications. Key areas include finite element methods, discrete differential geometry, shell structures, nonlinear elasticity, geometric modelling, metamaterials, and reliable numerical simulations. Successful candidates are expected to have a strong track record in mathematical analysis, computational mechanics, and simulation techniques to develop robust methods for complex physical systems. Close cooperation is anticipated with the projects of the collaborative research center SFB F90. For further information please contact Prof. Herbert Egger at herbert.egger@ricam.oeaw.ac.at.

Your Profile

- PhD in applied mathematics or similar.
- Strong background in the numerical solution of nonlinear systems arising in continuum mechanics, electromagnetics, and related applications in physics and engineering.
- Expertise in the development and analysis of finite element methods, differential geometry, error estimation, numerical methods for nonlinear systems, optimization algorithms.
- English skills are required.

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 **Euro 70.167,44** according to the salary scheme of the Austrian Academy of Sciences

Please apply online via onlyfy including a scientific CV, a short research statement, and references for possible recommendation letters **until July 15, 2026** or at your earliest convenience.

APPLY NOW

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.

Contact

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