

Job ID: RICAM137PD220

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, is offering a

POSTDOC POSITION (F*M)

(full-time, 40h per week)

in the research group "Computational Methods for Partial Differential Equations" until February 28, 2021.

The full-time position within the framework of the FWF-funded project "Discontinuous Galerkin Domain Decomposition Methods in Isogeometric Analysis" led by Prof. Dr. Ulrich Langer is affiliated with the Computation Mathematics Group at RICAM, located in Linz/Austria. This project is part of the National Research Network (NRN) "Geometry and Simulation" supported by the Austrian Science Fund (FWF) under the grant NRN S117. More information about the NRN "Geometry and Simulation" can be found on the NRN web page <http://www.gs.jku.at/index.shtml>.

The hired person should develop and analyze adaptive IgA methods based on goal-oriented a posteriori estimators for linear and non-linear potential equations as they arise in the simulation and optimization of electrical machines.

The implementation will be done in GISMO developed by the NFN S117.

Your profile:

- PhD in mathematics.
- Strong background in computational methods for partial differential equations, numerical analysis, software development, and scientific computing.
- English skills needed.

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 € 54.453,00 according to the salary scheme of the Austrian Science Fund ([FWF](#)).

Please send your application including a scientific CV, a short research statement, and references for possible recommendation letters via e-mail to ulrich.langer@ricam.oeaw.ac.at (mentioning Job ID: RICAM137PD220) **no later than December 27, 2020**.

The position will be vacant starting from January 1st, 2021. Late applications will be considered until the position is filled.

The Austrian Academy of Sciences (OeAW) pursues a non-discriminatory employment policy and values equal opportunities, as well as diversity. The OeAW lays special emphasis on increasing the number of women in senior and in academic positions. Given equal qualifications, preference will be given to female applicants.