

Within the FWF-funded Hertha-Firnberg-Programm **Photoacoustic Tomography: Analysis and Numerics**, we offer a

**Doctorate Research Position (20 Months with a extension of up to 4 years) at  
Johann Radon Institute for Computational and Applied Mathematics  
of the Austrian Academy of Sciences (Linz)**

The position is available from August 15<sup>th</sup>, 2023. The duties concern research in inverse problems related to photoacoustic tomography, regularization methods and mathematical modeling. Publications in high quality journals, networking with partners in applied sciences is desired. The salary is as suggested by the FWF according to a doctorate position. The working load for the project is 30 hours per week.

**Required Qualifications**

Candidates have a MSc degree (or equivalent) in Mathematics or a closely related field and have an interest in interdisciplinary mathematics. They are open minded, active, and have a good command of the English and/or German language. Applications (including letter of motivation, curriculum vitae, copies of academic certificates, and a letter of recommendation) and inquiries on the position should be send to: [cong.shi@univie.ac.at](mailto:cong.shi@univie.ac.at).

**Inverse Problems and Mathematical Imaging group**

The Inverse Problems and Mathematical Imaging group is a research group, headed by Prof. Otmar Scherzer. The particular research topics are Geometrical Modeling for Image Analysis, Coupled Physics Imaging, Regularization methods for Image Analysis, Inverse Problems and Learning, and Inverse Scattering.

More information can be found on <https://www.oeaw.ac.at/ricam/research/groups/group-scherzer>.