

At the Department of Mathematics and Statistics of the University of Konstanz a position as a

**Research Assistant (m/f/d)**  
**(Postdoc or PhD Student)**

(pay scale 13 TV-L, 100 % (Postdoc) or 75 % (PhD student)) starting at 01 September 2024 under the supervision of Dr. Simon Markfelder (from 01 Sept. 2024 Juniorprofessor at the University of Konstanz) is available. The position is fixed-term with duration of 3 years.

*Tasks:*

- Contribution to the ongoing DFG project “*Convex integration: towards a mathematical understanding of turbulence, Onsager conjectures and admissibility criteria*” (see

[www.spp2410.uni-stuttgart.de/SPP-Projects/15\\_markfelder/](http://www.spp2410.uni-stuttgart.de/SPP-Projects/15_markfelder/)

for a summary of the project), which is part of the DFG priority programme 2410 “*Hyperbolic Balance Laws in Fluid Mechanics: Complexity, Scales, Randomness*”.

- Teaching assistance (2 hours per week) usually by teaching exercise classes.

Candidates are expected to be highly interested in the active contribution to the project mentioned above. Solid knowledge in the field of partial differential equations is desired. Candidates are required to hold a PhD (for the postdoc position) or a master’s degree (for the PhD position) in mathematics.

The University of Konstanz is committed to removing disadvantages that are faced by female scientists at universities. We aim to increase the number of women working in research and teaching. The University of Konstanz was certified as family-friendly by the Hertie foundation. We strive to provide a good balance between family and working life.

Persons with disabilities will be given preference if appropriately qualified.

Please send your application with the usual documents (CV, list of publications, teaching experience, short description of your previous research projects (max. 1 page)) in a single PDF file via e-mail to

Dr. Simon Markfelder,    [simon.markfelder@gmail.com](mailto:simon.markfelder@gmail.com),

who will also be available to answer any questions about the position. We look forward to receiving your application by **07 June 2024**. Applications received after this date will be accepted until the position is filled.

Dr. Simon Markfelder

Juniorprof. for Partial Differential Equations in Mathematical Physics (from 01 Sept. 2024)

Department of Mathematics and Statistics

University of Konstanz

[www.sites.google.com/view/markfelder](http://www.sites.google.com/view/markfelder)

14 May 2024