



**Weierstrass Institute for Applied Analysis
and Stochastics**
Leibniz Institute in Forschungsverbund Berlin e. V.



The Weierstrass Institute for Applied Analysis and Stochastics (WIAS) is an institute of the Forschungsverbund Berlin e.V. (FVB). The FVB comprises seven non-university research institutes in Berlin which are funded by the federal and state governments. The research institutes are members of the Leibniz Association.

WIAS invites applications for a

Research Assistant (f/m/d)

(Ref. 21/04)

in the Research Group

“Thermodynamic Modeling and Analysis of Phase Transitions”

(Head: Dr. B. Wagner) **to be filled at the earliest possible date.**

The position is associated with the research project

Mathematical modelling of cellular self-organization on stimuli responsive extracellular matrix

within the Berlin Mathematics Research Center MATH+.

The research will concern the mathematical modeling of free boundary problems for hydrogels interacting with migrating cell populations. The research will be conducted in close collaboration with Prof. Sara Checa Esteban, Dr. Ansgar Petersen, (Charité).

The successful candidate will have completed university degree in mathematics or theoretical physics, knowledge of partial differential equations, and working experience in the numerical implementation of coupled systems of PDEs.

Please direct scientific queries to Prof. Dr. Barbara Wagner (Barbara.Wagner@wias-berlin.de).

The appointment is limited until 31.12.2021. The reduced work schedule is 29,25 hours per week, and the salary is according to the German TVöD Bund scale.

The Weierstrass Institute is an equal opportunity employer. We explicitly encourage female researchers to apply for the offered position. Among equally qualified applicants, disabled candidates will be given preference.

Please upload complete application documents including a cover letter, curriculum vitae and photocopies of relevant certificates as soon as possible and no later than **07.02.2021** via our online [job-application facility](#) using the button “[Apply online](#)”.

We are looking forward to your application!