

The DFG-funded Collaborative Research Center SFB 1294 “Data Assimilation – The Seamless Integration of Data and Models” invites applications for 2 open topic postdoctoral researcher positions.

The positions. We seek applicants for 2 open topic postdoctoral positions. The positions are for the duration of two years. Their starting dates are negotiable. The proposed research should align with the research areas of SFB 1294. Information on the SFB, its partner institutions and research areas can be found on our website: www.sfb1294.de. SFB 1294 seeks to promote diversity in research and encourages qualified applicants of any gender and from any background to apply.

Our vision. The assimilation of time-dependent data sets into complex evolution models leads to unique mathematical and computational challenges. These challenges which provide the central theme of SFB 1294. Data assimilation constitutes a rapidly expanding field at the confluence of several established research areas in mathematics, statistics, and machine learning, on the one hand and applications from the natural sciences and other disciplines. Our vision is to establish a rigorous mathematical underpinning of data assimilation, to develop principled computational methodologies, and to apply these methodologies to newly emerging application fields in the geosciences, neurosciences, pharmacology, and biophysics. SFB 1294 provides an excellent research infrastructure including a large interdisciplinary network of researchers and its own graduate school, as well as funding opportunities for conference visits, summer schools, and hosting international experts etc.

Application procedure. Applications should be submitted to SFB1294@uni-potsdam.de and should include (1) a research proposal and a statement of motivation (2-3 pages), (2) a full CV, (3) the names, e-mail addresses and/or reference letters of at least two referees, (4) academic transcripts and (5) link to electronic copy of your PhD thesis (6) list of publications/talks/presentations in a single PDF file. Applications will be considered until the positions have been filled.

The salary is determined by the collective bargaining agreement for public employees in Germany (TV-L 13). All positions are temporary in accordance with Section 2 subsection 1 of the Academic Fixed-Term Contract Law (WissZeitVG). Under the laws of the federal state of Brandenburg, employees under this contract are permitted to dedicate at least 33% of their contract time for their scientific qualification.

Please do not hesitate to contact us under SFB1294@uni-potsdam.de in case of any specific queries.