



Researcher Dynamic Modeling

Are you ready to join our mission at the Institute of Medical Biometry and Statistics (IMBI, University of Freiburg, Germany) to combine the best of biostatistics and artificial intelligence? Would you like to conduct your Ph.D. or postdoctoral research in a group of methods experts who are shaping the field of medical data science and equipping their collaborators with transformative tools?

In the new Collaborative Research Center IN-CODE, we will combine dynamic modeling techniques, such as differential equations, with AI techniques for representation learning with time-resolved neuron image data and, more generally, with spatial data. This will be done in close collaboration with biomedical researchers to implement novel modeling workflows in the lab to enable breakthrough discoveries about how information is encoded in the brain. In addition, being part of one of Germany's leading university medical centers means strong support for group and individual career development in a beautiful city with a high quality of life.

We welcome applications from candidates with a Master's or Ph.D. degree in statistics, computer science, mathematics, or a similar modeling background. Please send your application including CV and contact information of two academic referees to bemb.imbi.sek@list.uniklinik-freiburg.de.

The position is initially funded for 3 1/2 years (starting date: April 2024, salary level 100% German TV-L E13), with an option for extension.

For further information please contact Prof. Dr. Harald Binder (harald.binder@uniklinik-freiburg.de).

Deadline: February 29, 2024