At the Institute of Computer Science of the Faculty of Mathematics and Natural Sciences of the University of Bonn and the Fraunhofer Institute for Algorithms and Scientific Computing (Fraunhofer SCAI) a

**W2 professorship with tenure track to W3**

**AI-Driven scientific discovery**

according to the Berlin model and in personal union

**the management of a working group at the Fraunhofer Institute for Algorithms and Scientific Computing SCAI**

as part of the cooperation between faculties and chairs of the university and institutions of the Fraunhofer-Gesellschaft at the earliest possible date.

The University of Bonn and the Fraunhofer SCAI have been cooperating for years in the fields of algorithms, scientific computing and numerics. The Fraunhofer Institute for Algorithms and Scientific Computing SCAI is a partner to industry in the fields of computational science and optimisation as well as information extraction from large data sets. The institute models and optimises industrial applications, develops software and services for product design, process development and production and offers calculations on high-performance computers. The aim is to achieve shorter development times, more cost-effective experiments and optimised processes.

In your new role, you will competently represent the field in research and teaching at the University of Bonn and at the same time assume scientific and economic responsibility at Fraunhofer SCAI, where you will set up and lead a new working group. Integration into the Transdisciplinary Research Area Modelling as well as participation in current and planned Clusters of Excellence at the University of Bonn is desirable.

Ideally, you will have experience in leading a research team and in technology commercialisation. The acquisition of third-party funding for research projects, the acquisition and processing of industrial contracts and the maintenance of co-operative relationships with industry are expected; proven experience is beneficial. Teaching on the Bachelor's and Master's degree programmes in Computer Science at the University of Bonn in German and/or English is an integral part of the professorship.

Young academics in the early stages of their career are encouraged to apply.

The recruitment requirements are based on § 36 HG NRW.

The University of Bonn is committed to diversity and equal opportunities. It is certified as a family-friendly university and has a dual career programme. Its aim is to increase the proportion of women in areas in which women are underrepresented and to promote their careers in particular. It therefore strongly encourages applications from suitably qualified women. Applications will be treated in accordance with the State Equal Opportunities Act. Applications from suitable severely disabled persons and persons of equal status are particularly welcome.
Applications received by **30.09.2024** are guaranteed to be considered. The appointment committee reserves the right to also consider applications received after this date. Please apply with the usual documents [letter of motivation, CV, list of publications, thirdparty funding, re-search concept (max. 2 pages) and teaching concept (max. 1 page)] via our online portal: [https://berufungsportal.uni-bonn.de](https://berufungsportal.uni-bonn.de).

Further information about the position can also be obtained from Prof. Dr Michael Griebel (mi-chael.griebel@scai.fraunhofer.de, Institute Director Fraunhofer SCAI) and Prof. Dr. Reinhard Klein (rk@cs.uni-bonn.de, Chair of the Appointment Committee).