

The **Rheinische Friedrich-Wilhelms-Universität** Bonn is an international research university that offers a wide range of degree programs. Some 31,500 students and more than 6,000 employees' study and work on the foundation of a 200-year tradition. Awarded the status of a University of Excellence, the University of Bonn is one of the leading universities in Germany and enjoys an excellent international reputation

The **department of Social Ethics** at the Faculty of Protestant Theology is recruiting for two

phD position/Junior research fellow (m/f/d) (75%)

The position is **limited to three years** and can then be extended for a further year within the duration of the ERC project.

The Department of Social Ethics is dedicated to teaching and research in the area of ethical, societal and governance issues in the field of emerging technologies.

For the new ERC project SIMTWIN we are looking for a person who would like to work with us in Bonn. SIMTWIN aims to systematically identifying and examining the ethical and societal implications of the use of Digital Twins in healthcare. Although many aspects of health simulations such as DT are still in their infancy, it is already evident that these new technologies have the potential to challenge and change existing conceptions of health and illness, controllability, vulnerability, representation and embodiment. If, for example, every person had a "digital body" predicting health events in real-time before they occur, this would completely change the way a person conceptualises "their" health, providing new forms of entanglements and interactions between a person's physical and the new digital body. Moreover, it would change the way we practice medicine and think about health policies. Transformations in these fundamental normative concepts will also have profound implications for extant national and European healthcare governance regimes. SIMTWIN's central objective is to provide a comprehensive and in-depth analysis of the normative challenges implied in order to develop an integrated theory of health simulations. In proposing an empirically-based and normatively robust framework for an ethical and societal assessment of this technology, SIMTWIN will enable the design of practical modes of controllability for the use of DT in health.

Your tasks:

- research within the ERC project SIMTWIN
- developing and conducting work on the normative aspects (justice, solidarity, vulnerability) of DT
- independent publication in international publication organs

Your profile:

- a university degree (Master) in ethics, theology, philosophy, social sciences or law
- published research in the field of AI Ethics, social ethics, ethics of technology or basic questions of ethics
- Knowledge of recent methods and theories in the field of hermeneutics, science and society studies, empirical ethics and governance
- passion for current transdisciplinary research questions and methodological discussions in AI ethics
- excellent oral and written language skills in English

We offer:

- a varied and challenging job with one of the largest employers in the
- which gives you the freedom to conduct your own research in a research-oriented environment as well as an inspiring and motivating working atmosphere
- company pension scheme (VBL),
- numerous offers of university sports,
- very good transport connections and the possibility to use inexpensive parking facilities,

- remuneration according to remuneration group 13 TV-L

The University of Bonn is committed to diversity and equal opportunities. It is certified as a family-friendly university. Its goal is to increase the proportion of women in areas where women are underrepresented and to particularly promote their careers. It therefore strongly encourages applications from relevantly qualified women. Applications are handled in accordance with the State Equal Opportunity Act. The application of suitable persons with proven severe disabilities and persons with equal status is particularly welcome.

If you are interested in this position, please send your complete application documents (incl. letter of motivation, curriculum vitae, references, etc.) **by 15.09.2024**, quoting the **reference number 33/23/3.202**, for technical reasons exclusively in a PDF file by e-mail to ethics@uni-bonn.de.