Paderborn University is a high-performance and internationally oriented university. Within interdisciplinary teams, we undertake forward-looking research, design innovative teaching concepts and actively transfer knowledge into society. As an important research and cooperation partner, the university also shapes regional development strategies. We offer our employees in research, teaching, technology and administration a lively, family-friendly and equal opportunity environment, a lean management structure and diverse opportunities.

Join us to invent the future!

The **Faculty of Computer Science, Electrical Engineering and Mathematics** – **Data Science Group** – in the **MSCA-DN-JD Doctoral Network FAIROmics** (FAIRification of multiOmics data to link databases and create knowledge graphs for fermented foods, https://www.dn-fairomics.eu/) offers a full-time position as

Research Assistant (f/m/d)
(Salary is according to E 13 TV-L)

starting on October 1st, 2024. The position is initially limited to three years due to third-party funding governed by the Academic Fixed-Term Contract Act (Wissenschaftszeitvertragsgesetz – WissZeitVG) and is designed to pursue a joint Ph.D. degree awarded by Paderborn University and the Université Paris-Saclay. The duration of the fixed term corresponds to the approved project period.

Your research duties and responsibilities include:
- Expected research results include formalised knowledge about plant-based fermented products including consumer, social and environmental data
- The development of a prototype of a serious game to support the design of plant-based fermented food products

We expect the following profile:
- Scientific Master's degree in computer science, applied mathematics or similar
- Interest in the use of knowledge representation in food sciences
- Interest in serious games
- Excellent communication and organisational skills
- Networking and communication skills in a multicultural and multidisciplinary environment
- Willingness to travel abroad for the purpose of research, training and dissemination

Specific requirements:
- Secondment at INRAE (Joint Research Unit SayFood), Palaiseau France, is planned for a 16 months period
- You have not been awarded a doctoral degree
- Mobility rule: You have not resided or carried out your main activity (work, studies, etc.) in Germany for more than 12 months in the 36 months immediately before the recruitment date (mobility rule of the EU)
- Proof of B2 language level in English

Your CV must contain the following pieces of information:
- Details about where you resided or carried out your main activity (work, studies, etc.) in the three years immediately prior to the application deadline
- Grades of B.Sc. and M.Sc.
- A link to code examples (e.g., on GitHub)
- A list of your publications, if any
- An indication as to whether your profile can be forwarded to potentially interested partners within the FAIROmics network

We provide:
- A comprehensive, interactive and international training programme covering the broader aspects and interface between life science, data science, artificial intelligence and humanities and social sciences, as well as transferable skills
- An enthusiastic international team of professionals to co-operate with
- An open communication culture and agile workflows
- Work on highly relevant research topics and technologies
- A family-friendly workplace with the opportunity of mobile work and flexible working hours
- Personnel development through further training opportunities and a supplementary employer pension scheme (VBL)

Since Paderborn University seeks to increase the number of female scientists, applications of women are especially welcome. In case of equal qualification and scientific achievements, they will receive preferential treatment according to the North Rhine-Westphalian Equal Opportunities Policy (LGG), unless there are cogent reasons to give preference to another applicant. Part-time employment is possible. Likewise, applications of disabled people with appropriate qualification are explicitly requested. This also applies to people with equal status according to the German social law SGB IX.

Please send your application, including cover letter, your CV, certificates, and other accompanying documents via email to Prof. Dr. Axel Ngonga (E-Mail: mone@upb.de) by **May 31st, 2024** using the **reference code 6449**.

Information regarding the processing of your personal data can be found at: https://www.uni-paderborn.de/en/zv/personaldatenschutz.

Prof. Dr. Axel Ngonga
Faculty of Computer Science, Electrical Engineering and
Mathematics – Department of Computer Science
Paderborn University
Warburger Str. 100
33098 Paderborn