The University of Potsdam, Digital Engineering Faculty with the Hasso Plattner Institute hereby announce a joint professorship with the Max Delbrück Center for Molecular Medicine in the Helmholtz Association (MDC) in Berlin to be filled as soon as possible:

**Full Professorship (W3) in Integrative Imaging Data Sciences**

The MDC is dedicated to interdisciplinary biomedical research with the aim to translate basic research findings into clinical applications. As part of the Information & Data Science Incubator, the new *Helmholtz Imaging Platform* (https://www.mdc-berlin.de/news/news/all-helmholtz-benefits-hip) has been established at the MDC, DKFZ Heidelberg and DESY Hamburg. The platform’s mission is to promote imaging science and foster synergies across research fields and applications within the Helmholtz Association. The scientific focus of the MDC within the platform will be on new concepts, mathematical approaches and representations for large scale image data. This includes the development of algorithms, computational resources and visualization solutions across scales in space, time and modalities.

For the MDC’s contributions to the platform, we are seeking a candidate with an outstanding track record in integrative imaging data sciences, including:
- concepts and algorithms for handling, generic processing and representation of high-dimensional datasets
- image analysis and visualization across scales
- frameworks for large data management, image analysis and data abstraction

Furthermore, the candidate should have experience in one or more of the following fields:
- user-oriented dissemination of software solutions
- initiation and coordination of open-source software projects
- acquisition of extramural funding
- communication with and coordination of scientific initiatives and consortia
- experience in teaching, mentoring and talent development

Applicants should have a strong background in computational science, computer science, data science, computer vision, bioinformatics, image analysis, medical image computing or related fields.

We offer excellent opportunities for pioneering imaging and data science in a multidisciplinary team at MDC and outstanding academic integration into Bachelor, Master and Ph.D. programs of the Digital Engineering Faculty. We provide an inclusive and family friendly environment with support for dual career service.

Enquiries about the position should be addressed to thoralf.niendorf@mdc-berlin.de and juergen.doellner@hpi.uni-potsdam.de.

The joint professorship is being filled under the Jülich Model, with a teaching obligation according to Section 40 (9) of the Brandenburg Higher Education Act (Brandenburgisches Hochschulgesetz, BbgHG) at the University of Potsdam. Joint professorships are appointed to full professorships by University of Potsdam and fulfil a leadership role in the MDC. The University of Potsdam and the MDC are linked by a cooperation agreement ("Jülicher Modell").
The following application requirements for professors must be documented in accordance with Section 41 of the Brandenburg Higher Education Act (Brandenburgisches Hochschulgesetz, BbgHG): a completed university degree, pedagogical aptitude, and a particular ability for scientific and scholarly work, typically documented by a dissertation project; comprehensive competences in science management and additional scholarly achievements as evidenced by a Habilitation (post-doctoral dissertation), a junior professorship or work as a research associate at an institution of higher education or an extramural research institution, or scholarly activity in the private sector or in another social field, whether in Germany or abroad. The appointment procedure is conducted in accordance with Section 40 BbgHG.

The University of Potsdam and the MDC aim to increase the proportion of women in research and teaching and therefore expressly invite qualified female candidates to apply. The University of Potsdam and the MDC value the diversity of its/their members and pursues the goals of equal opportunities regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age, sexual orientation or identity. In the case of equal suitability, women in accordance with Section 7 (4) BbgHG and people with a severe disability will be given preferential consideration. We explicitly invite applications from abroad and from persons with a migration background.

The University of Potsdam offers dual career support and coaching for newly-appointed professors: www.uni-potsdam.de/berufungen.

Please submit your application (including a cover letter, presentation of your research interests, curriculum vitae, copies of academic certificates and documents, list of publications, list of courses taught, teaching evaluation, list of externally funded projects) by June 30th, 2021 to https://www.uni-potsdam.de/en/digital-engineering/news/offers

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