The University of Potsdam, Digital Engineering Faculty hereby announces two joint professorships with the Hasso Plattner Institute for Digital Engineering gGmbH (HPI) under the Jülich Model, to be filled as soon as possible:

**Full Professorship (W 3) for Internet Technology and Systems**

The Digital Engineering Faculty is expanding its area of Internet research and cyber security. We are looking for candidates with a strong, internationally recognized research profile and a clear commitment to teaching.

The professorship for *Internet Technology and Systems* will study the scientific laws, methods, and technologies for the development of new Internet technologies and innovative Internet-based applications and systems. The candidate has a strong background in technical aspects of Internet protocols and systems, including but not limited to one or more of the following aspects: network access and architectures, structure of the Internet, LAN and WAN technologies, Internet services, network virtualization, IoT and the future Web.

**Full Professorship (W 3) for Internet Security**

The professorship for *Internet Security* will study security, trust engineering, and resilience. The candidate has an excellent track record in basic and applied research in Internet security, including but not limited to one or more of the following aspects: security awareness, security analytics, formal verification, real-time event analysis and monitoring, vulnerability databases, machine learning for security, attack graphs, next-generation security engineering, IPv6 security, IoT security, cloud security, post-quantum cryptography, and blockchain technology.

Both professorships focus on system- and method-oriented research that is closely related to complex IT systems and applications in science, industry, and society. Applicants have shown exceptional competence in research and development. Experience in working with external partners and pursuing and securing research projects with third parties is an advantage. Furthermore, applicants must demonstrate teaching experience and are expected to contribute to the faculty's bachelor's and master's programs and the faculty's research schools.

Please contact Prof. Dr. Tobias Friedrich (friedrich@hpi.uni-potsdam.de) if you have any questions or would like to request further information about the position.
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.

The following application requirements for professors must be documented in accordance with Section 41 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 Hasso-Plattner-Institute aim to increase the proportion of women in research and teaching and therefore invite qualified applicants to apply. The University of Potsdam and the Hasso-Plattner-Institute value the diversity of its 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 within the meaning of Section 7 (4) BbgHG and severely disabled people will be given preferential consideration. Applications from abroad and from persons with a migration background are expressly welcome.

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

Please submit your application (including 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 February 15th, 2020 to http://www.uni-potsdam.de/de/digital-engeneering/auischreibungen.html

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