



**Faculty/Department:** Mathematics, Informatics, Natural Sciences/Computer Science  
**Seminar/Institute:** IT-Security and Security Management

Universität Hamburg invites applications for a Research Associate for the project “**IMMUNE – Self-defending networks for resilient Industry 4.0**” in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG). The position commences on 15 October 2018.

It is remunerated at the salary level TV-L 13 and calls for 100 % of standard work hours per week.

The fixed-term nature of this contract is based upon Section 2 of the academic fixed-term labor contract act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The term is fixed for a period of 3 years.

The University aims to increase the number of women in research and teaching and explicitly encourages women to apply. Equally qualified female applicants will receive preference in accordance with the Hamburg act on gender equality (Hamburgisches Gleichstellungsgesetz, HmbGleiG).

**Responsibilities:**

Duties include academic services in the project named above. Research associates can also pursue independent research and further academic qualifications.

**Specific Duties:**

Research and development of systems and software in the areas of secure industrial networks. It is expected that the research associate actively participates in the project “IMMUNE – Self-defending networks for resilient Industrie 4.0” that is funded by the German Federal Ministry of Economics and that is joint work together with partners from industry and academia. Relevant areas of research are: IT and network security, software-defined networks, industrial networks and their protection, data-centric networks, network monitoring, and intrusion detection.

**Requirements:**

A university degree in a relevant field. In addition, candidates should have profound knowledge in the fields of networking with a focus on industrial networks, distributed systems, IT- and network security.

Apart from the technical knowledge, we expect good methodical, presentation, communication, and excellent language skills, especially in English, the ability to work in teams, as well as the ability to work independently.



**Universität Hamburg**

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Severely disabled applicants will receive preference over equally qualified non-disabled applicants.

For further information, please contact Prof. Dr. Mathias Fischer (mfischer@informatik.uni-hamburg.de) or consult our website at <https://iss.informatik.uni-hamburg.de>.

Applications should include a cover letter, curriculum vitae, and copies of degree certificate(s). The application deadline is 15. September 2018. Please send applications to: mfischer@informatik.uni-hamburg.de.