Ruhr-Universität Bochum (RUB) is one of the leading research universities in Germany. As a reform-oriented campus university, it uniquely combines the entire range of the major scientific disciplines in one place. The dynamic coexistence of disciplines offers researchers and students alike special opportunities for interdisciplinary cooperation.

From 2019 on, the DFG (German Research Foundation) establishes the 
**Cluster of Excellence 2092 **“CASA - Cyber Security in the Age of Large-Scale Adversaries” at Ruhr-Universität Bochum. With the support of approximately 30 million euros over the funding period 2019 - 2025, Bochum will become one of the leading international locations for IT security. The CASA cluster pursues the goal of enabling sustainable security against large-scale adversaries, in particular nation-state attackers. The research is characterized by a strongly interdisciplinary approach which, in addition to technical questions, also investigates the interaction of human behavior and IT security. In CASA, researchers from the fields of computer science, cryptography, electrical engineering, mathematics and psychology work together in a constellation that is unique in Europe. This holistic approach of CASA is unparalleled and holds the potential for scientific breakthroughs.

CASA is based at the Horst Görtz Institute for IT Security. It is regarded as one of the top research institutions, is home to Europe's largest IT security training programs, maintains extensive networks with the scientific communication and industry, and has produced numerous successful cyber security start-ups. In addition, the Max Planck Society will establish the “Max Planck Institute for Cyber Security and Protection of Privacy” in the immediate vicinity of the cluster, which will have a particularly stimulating effect on research in CASA. This outstanding environment offers excellent working conditions in an extremely topical and exciting field. In addition, CASA offers a friendly working atmosphere in a young and internationally highly respected research institution.

We are permanently looking for excellent M.Sc. graduates with outstanding grades and degrees in computer science, electrical engineering, mathematics and psychology (preferably with a relationship to technology) or related disciplines. In addition, we are looking for outstanding postdoctoral candidates from these fields.

We offer three-year positions for M.Sc. graduates. The expectation is to work towards a doctorate. Postdoctoral positions are limited to two years. The salary will be according to the remuneration group E 13 TV-L (full time).

The load of teaching will be calculated according to § 3 of Lehrverpflichtungsverordnung (state of North Rhine-Westphalia).

Are you interested?
Please send your complete application documents in one single pdf file (max. 10 MB) by December 31, 2020 to: career@casa.rub.de.

Required documents are:
- Letter of motivation;
- Mention at least 2 persons (supervisors, other researchers) as references (names and email addresses);
- Curriculum vitae;
- Master’s certificate;
- Doctoral certificate, if applicable.

Travel expenses for interviews will not be reimbursed.

At Ruhr-Universität Bochum, we seek to promote the careers of women particularly in those areas in which they are underrepresented, and we are therefore particularly pleased to receive applications from female candidates. Applications by suitable candidates with severe disabilities and other applicants with equal legal status are likewise most welcome.

**Anforderungsprofil**

An above-average degree (Master’s degree or doctorate, if applicable) in computer science, electrical engineering, mathematics, psychology (preferably with a relationship to technology) or related disciplines is mandatory for the application. Fluent spoken and written English is also required. In addition, applicants should have at least a basic knowledge of one or more of the research areas relevant to CASA: Cryptography, system security, embedded and hardware security, and usability. Moreover, postdoctoral students should already have published relevant papers at the leading conferences on cryptography and IT security.

**Vergütung**

The salary will be according to the remuneration group E 13 TV-L (full time).

**Art der Beschäftigung**

Vollzeit

**Zeitraum der Beschäftigung**

We offer three-year positions for M.Sc graduates. The expectation is to work towards a doctorate. Postdoctoral positions are limited to two years.

**Bewerbungsfristende**

Donnerstag, 31. Dezember 2020 - 23:59

**Kontakt**

**Vorname**  Patrick

**Name**  Schulte

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**E-Mail**  career@casa.rub.de

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Bitte beziehen Sie sich in Ihrer Bewerbung auf https://www.stellenwerk-bochum.de/