



The chair of IT Security in the Faculty of Mathematics, Computer Science, Physics, Electrical Engineering and Information Technology at the Brandenburg University of Technology Cottbus-Senftenberg is currently seeking a highly motivated:

## **Junior Researcher (PhD Student)**

limited to 5 years, full time, fully funded (E 13 TV-L scale)

**Reference number: 84/18**

The newly founded chair conducts teaching and research in the field of IT security with a strong focus on network security and online privacy. In the field of teaching, our area of specialization is to educate qualified IT security professionals who are able to meet the growing demands of IT security in diverse areas of society.

### **Tasks:**

- ▶ Active research in the most exciting contemporary discipline (security, privacy, anonymous communication)
- ▶ Implementation and evaluation of new algorithms and methods
- ▶ Cooperation and knowledge transfer with industrial partners
- ▶ Publication of scientific results
- ▶ Assistance with teaching

The employment takes place with the goal of doctoral graduation.

### **Requirements:**

- ▶ Master's degree (or equivalent) in Computer Science or related disciplines
- ▶ Strong interest in IT security and/or networking and distributed systems
- ▶ Knowledge of at least one programming language (C++, Java, etc.) and one scripting language (Perl, Python, etc.)
- ▶ Linux/Unix skills
- ▶ Knowledge of data mining, machine learning, statistics and result visualization concepts is of advantage
- ▶ Excellent working knowledge of English; German is of advantage
- ▶ Excellent communication skills

For more information about the vacant position please contact Prof. A. Panchenko (E-Mail: [itsec-jobs.informatik@lists.b-tu.de](mailto:itsec-jobs.informatik@lists.b-tu.de), tel. secretary's office: +49 355 69 2236).

We value diversity and therefore welcome all applications – regardless of gender, nationality, ethnic and social background, religion/belief, disability, age, as well as sexual orientation and identity.

The BTU Cottbus-Senftenberg strives for a balanced gender relation in all employee groups.

Applicants with disabilities will be given preferential treatment if they are equally qualified.

Please note the detailed information about the selection procedure on the website of BTU Cottbus-Senftenberg.

Applications quoting the reference number should be sent in PDF format in one file as soon as possible (applications will be processed at earliest convenience) but not later than **by 14.02.2019** at:

**e-mail: [itsec-jobs.informatik@lists.b-tu.de](mailto:itsec-jobs.informatik@lists.b-tu.de).**

**Published:**

Internal:	23.11.2018
Internet:	23.11.2018
Employment Agency:	23.11.2018
Linkedin:	23.11.2018

**Valid by 14.02.2019**