

*We are one of the youngest universities in Germany and think in terms of unlimited possibilities instead of possible limitations. Located in the heart of the Ruhr metropolis, we have 11 faculties seeking to develop innovative ideas for the future. We are dedicated to research and teaching, live diversity, support potential and are highly committed to educational equality.*

For the DFG Collaborative Research Center **CRC 1119 CROSSING** (Cryptography-Based Security Solutions: Enabling Trust in New and Next Generation Computing Environments) the **University Duisburg-Essen**, Faculty of Business Administration and Economics, Department Computer Science, Working Group Computer Science with focus on Secure Software Systems at **Campus Essen** seeks to hire one

**Research Assistant / PhD Student**  
(full position, salary based on E-13 TV-L, federal salary rate)

**Description of Position:**

Conducting research in computer security, especially in the areas of Trusted Computing technologies (remote attestation), system and software security, mobile security, hardware security, IoT security. Opportunity for further qualification (doctoral dissertation) is given.

**Your Profile:**

- an excellent M.Sc./Diploma degree in computer science, computer security, or related fields
- high motivation and interest in creative conceptual and practical work
- proficiency in English both written and oral
- very good programming skills, especially in system-level programming (C, C++, Assembler)
- very good background in system and software security
- additional background in one of the following areas: hardware programming, side channel attacks, reverse-engineering
- team-oriented

**Starting Date:** as soon as possible

**Duration:** 4 years

**Working Time:** full position

**Application Deadline:** 30 Sep 2018

*The University of Duisburg-Essen aims at promoting the diversity of its members (see <http://www.uni-due.de/diversity>). It aims at increasing the share of female faculty members and therefore explicitly encourages women to apply. Women with equal qualifications will, in accordance with state equality legislation, be given priority. People with disabilities are encouraged to apply (see § 2 Abs. 3 SGB IX).*

Applications in English or German mentioning the "Kennziffer **487-18**" are to be submitted **electronically** to Prof. Dr.-Ing. Lucas Davi, University of Duisburg-Essen, Faculty of Business Administration and Economics, Gerlingstraße 16, Room SGW 212, 45127 Essen, E-Mail: [lucas.davi@uni-due.de](mailto:lucas.davi@uni-due.de)

More information on the working group: <http://www.syssec.wiwi.uni-due.de/>  
More information on the CRC: <https://www.crossing.tu-darmstadt.de/>

