
- 3 Ph. D. Positions funded by the German Science Foundation and one CASED scholarship - “Electronic Voting”

The Center for Advanced Security Research Darmstadt (CASED) in conjunction with the Department of Computer Science at the Technische Universität Darmstadt in Germany has three immediate PhD openings on different aspects of electronic voting. Possible research topics include:

- Verifiable electronic voting for polling stations
- Electronic voting with the German eID
- Improving verifiable electronic voting systems in regard to usability

One position is funded by CASED and two positions are funded by the German Science Foundation (DFG). Funding for the positions will be provided for two years with the possibility of an extension for a third year.

The PhD candidates will be supervised by Prof. Johannes Buchmann and Dr. Melanie Volkamer and will be enrolled in the 3-year doctoral program at CASED. The PhD candidates will be expected to do internationally visible research on modern topics of electronic voting, especially in the area of end-to-end verifiable electronic voting systems.

Successful candidates must hold an M.Sc. degree (or equivalent) in one of the following university fields of study: mathematics, computer science, information security, information systems or a related fields. A candidate's topic for his or her master thesis should ideally be relevant to cryptography or information security. Applications from students about to complete their master degree will be accepted as well. The positions require, inter alia, very good English presentation, reading, and writings skills. Computer network and programming knowledge is beneficial.

CASED is an IT Security research center at the TU Darmstadt in cooperation with the Fraunhofer Institute for Secure Information Technology (SIT) and the University of Applied Sciences Darmstadt (h_da). CASED aims to have a significantly higher proportion of female scientists compared to the average German research institutions and encourages applications from female postgraduate students.

Applicants are kindly requested to send their applications by e-mail to volkamer@cased.de.

Applications will be processed until the position is filled.

Applications must include:

- a letter of application,
- a CV,
- a statement of motivation,
- academic transcripts (incl. table of grades),
- and two references or letters of recommendation.