

## PhD Position in Technical University of Berlin (TU-Berlin)

A PhD position under the supervision of Prof. Dr. Tansu Alpcan is currently available at the Autonomous Security chair in Deutsche Telekom Laboratories and Faculty of Electrical Engineering and Computer Sciences in Technical University of Berlin (TU-Berlin).

The research topic involves decision making for security under limited information as well as applications of optimization, control, game theory, mechanism design, and machine learning to security and risk management.

Applicants must have a MS degree from a university in electrical engineering, computer science, or in a similar discipline. Knowledge in one or more of the above mentioned areas, in particular in optimization, networking, or game theory is preferable. Candidates with a basic research experience (at least one conference or journal article as first author), good English, and German language skills will be given priority. Willingness to acquire new knowledge, capability of applying theory to practical problems, and a genuine passion for research are desired characteristics.

The student will have the chance of closely working with members of Deutsche Telekom, a leading telecommunications company, and its international research division T-Labs. Collaborations with distinguished researchers from all over the world, especially USA and Europe, and experiencing the lively city life of Berlin are among additional opportunities.

The position is full time and includes Research Assistantship with partial teaching responsibility (Wissenschaftliche Mitarbeiter/in). The salary, which follows the respective standards at TU-Berlin, is competitive. Interested applicants should send (preferably by E-mail to [applyphd@alpcan.org](mailto:applyphd@alpcan.org)) their CV including a list of their publications, an (unofficial) transcript, and contact information of two references to:

Prof. Dr. Tansu Alpcan  
Autonomous Security  
Deutsche Telekom Laboratories  
Technical University of Berlin

[www.tansu.alpcan.org](http://www.tansu.alpcan.org)  
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