

Postdoc in Computer and Network Security at the School of Computer Science and Communications, Royal Institute of Technology (KTH)

The School of Computer Science and Communications at the Royal Institute of Technology (KTH), Stockholm, Sweden, invites applications from outstanding candidates for a postdoctoral research position in computer and network security.

The Theory Group offers a stimulating research environment in a range of topics such as complexity theory and approximation algorithms, computer and network security, cryptography, programming languages, and formal methods. Security and safety of computer and network based systems has been identified as an area of strategic importance. We are now looking for a postdoctoral researcher in one of the following research areas:

- Formal methods for computer security. This includes areas such as language-based security, information flow control, model checking, epistemic and temporal logics and applications to security protocol engineering, and distributed system security.
Contact: Associate professor Mads Dam, mfd@kth.se, www.csc.kth.se/~mfd.
- Privacy, anonymity, identity management, access control in distributed systems, peer-to-peer and cloud storage security, networking security (mobile ad-hoc, vehicular, social, peer-to-peer).
Contact: Associate professor Sonja Buchegger, sonja@iecc.org, www.sonja.ws.
- Cryptography and cryptographic protocols. This includes both foundational topics, e.g., relating basic notions, and more practically oriented topics, e.g., improving the efficiency of or proving the security of concrete constructions.
Contact: Assistant professor Douglas Wikström, dog@csc.kth.se, www.nada.kth.se/~dog/.

We welcome applicants whose research interests span more than one of the above subject areas, though this is not a strict requirement. The position is initially for one year, but may be extended to two years. Starting date is negotiable. Applications should be received no later than **December 3, 2009**. The official announcement of the position including instructions on how to apply can be found at www.kth.se/om/2.1445/1.48389?l=en_UK.

For more information on the School see www.kth.se/csc. For information on the Theory Group see www.csc.kth.se/tcs.