

ABB Corporate Research operates eight research centers around the world, all concerned with developing and exploring new technologies relevant for ABB's different business lines in automation and control for manufacturing industries and utilities.

The ABB research center in Baden, Switzerland, in the Zurich metropolitan area, employs around 120 scientists in the areas of physics, material sciences, electronics, and information technology. The Information Technology Department is responsible for a variety of corporation-wide projects involving multi-disciplinary teams of experts in computer science, software engineering, electrical engineering, control engineering, power systems engineering, and theoretical physics. As a part of ABB Corporate Research you will work in dynamic, motivating and creative teams of people with a wide range of experience and competence. Your opportunities for career development would be excellent, both nationally and internationally. We create tomorrow's solutions and highly value our employees' ability to create these breakthrough solutions.

The Information Technology department also hosts the ABB-wide competence center for innovative approaches to information security for automation and control systems. To further strengthen this team we are searching for an

Information/Network Security Expert with a Software Architecture background

Requirements for this position:

- PhD and research record in Computer Science, Computer Engineering, or Electrical Engineering with strengths in both information/network security and SW architecture.
- Ability to communicate effectively and efficiently in English with external and internal partners and the academic community.
- Practical experience in SW development, ideally of security-critical applications.
- Interest in information/network security for critical infrastructure systems.
- Relevant work experience and certification (e.g. GSNA) as well as industrial domain expertise (e.g. SCADA) would be beneficial.

Duties and responsibilities:

- Support other ABB units through consulting engagements of varying scope and duration.
- Participate in and drive applied research and technology transfer projects in the areas of information security and SW architecture resulting in concepts, prototypes, patents, and academic publications.
- Participate in the maintenance of the IT security lab network and tools infrastructure.

Please send your complete and detailed application to silvia.murara@ch.abb.com (PDF and JPG formats only).

ABB is a leading supplier of automation and control systems for utilities and manufacturing industries with a global work force of more than 100'000.

