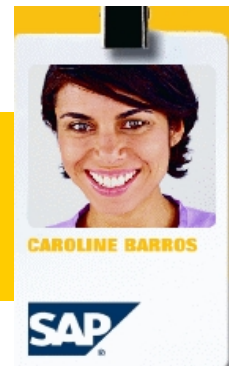


Researcher



PURPOSE AND OBJECTIVES

SAP Research is the global technology research unit of SAP, with a network of 19 research locations worldwide covering a portfolio of seven research practices. By exploring emerging IT trends, SAP Research significantly drives applied research while focusing on the business impact and contribution to SAP's product portfolio. Using the fundamentals of applied research, we explore promising ideas and turn them into prototypes, with the ultimate goal of creating product enhancements and new solutions that benefit our stakeholders and customers. One of the core projects in 2011 and beyond that drives our vision is the Business Web – a cloud infrastructure that is optimized for mobile devices and allows businesses and their employees to collaborate easily, to access data from systems and smart items, and to carry out business processes anywhere and at any time. SAP Research will contribute innovations from our various research practices to help make this vision a reality.

EDUCATION AND QUALIFICATIONS/ SKILLS AND COMPETENCIES

- PhD or Master's degree with research experience
- Fluency in English (working language); French, German or other language is a plus but not a prerequisite
- Excellent oral and written communication skills
- Creative and analytical mind
- Willingness to work in an internationally distributed team and multi-cultural environment
- Willingness to travel (10 to 20%, mostly in Europe)
- The successful candidate will participate to research activities on software security assurance, automated management of data privacy, and service description languages for security properties, with a particular focus on complex service-oriented systems. To enhance SAP's IP portfolio, filing patents will be strongly encouraged.

EXPECTATIONS AND TASKS

A high concentration of IT and telecommunication industries within walking distance, proximity to partners and customers, as well as the educational establishments in the region provide SRC Sophia Antipolis with an ideal working environment.

40 researchers are working at SAP Labs France (among ~280 employees) and are mainly involved on Research Projects in the area of Security & Trust with applications to eGovernment, Mobility, Public Security, and Business Intelligence. Our projects are addressing the major security and trust challenges identified by SAP Research in the context of highly dynamic service-oriented architecture, more precisely

- Automated management of security certification for software service
- Privacy, trust and security in open service ecosystems
- Security Software Engineering principles
- Business-driven approaches to the specification and enforcement of security and dependability requirements
- Security and reliability of the provisioning and the functionality of services
- Trust and data protection infrastructure for managing & assessing the risks associated with identity authentication and the trustworthiness of actors
- Technology for the formal specification and automated validation of Trust and Security of service-oriented architectures
- Security requirement, policy and security configuration management in complex IT landscapes and multi-level outsourcing scenarios

WORK EXPERIENCE

PhD level (top 10% performer in university will be favoured) or Master's degree with a significant research experience (2+ years) on Software Security.

Working knowledge and hands-on experience in at least two of the following areas:

Service-oriented architecture, privacy and data protection, software engineering, service description languages, web-service security,

security policy, security assessment, trust models, IT service and operation management standards, Semantic web technologies, Policy-based system management, IT audit standards and methodologies.

Acquaintance with EU funding schemes and experience in international collaborative research is a plus.

- Knowledge of SAP technologies (such as ABAP, NetWeaver) and/or Java and SAP Development processes is a plus.

WHAT WE OFFER

Contract Type:

Job Location:

Travel Expectations:

Contact:

Salary Group:

Additional Informations:

Referencecode: automatically assigned