



AT SAP, YOU CAN IMPACT  
THE WAY BUSINESS IS RUN

Employment Type  
Limited Full Time

Job Location  
Karlsruhe, Baden-Wurtemberg  
Germany

Travel  
0% - 100%

Contact Information  
Ms. K. Renner (+49 62277-48599)

Reference Code  
DE-53097079-EN-10-002

## PURPOSE AND OBJECTIVES

SAP Research is the global technology research unit of SAP, with a network of 15 research centers on 5 continents. The group significantly contributes to the SAP product portfolio and extends SAP's leading position in the market by identifying and shaping emerging IT trends and generating breakthrough technologies through applied research.

SAP Research focuses on applied research that leads to breakthrough solutions and processes directly related to SAP products. Part of our work is a strong interaction with product management and development groups, including the participation in internal projects aiming at increasing the innovative power of SAP's product portfolio and development environment.

You can learn more about SAP Research at: [www.sap.com/research](http://www.sap.com/research).

Successful candidates will join the expert consulting team within our Security & Trust research group. This team focuses on internal security consulting and development of innovative security solutions and is strongly integrated with our applied and fundamental research activities in the area. To enhance SAP's IP portfolio, filing patents will be strongly encouraged.

## EXPECTATIONS AND TASKS

Do you want to find out how future IT-technology will look like and how to make it practical and more usable? Are you open to new ideas and concepts? Are you able to solve difficult problems by taking a look at them from a different, new perspective? Then join our team.

You will apply scientific principles and concepts to evaluate and assess potential new products. You will also look into ways to improve and strengthen our existing products. But it is not all numbers and tests; you need to understand things like market requirements, target environments, performance criteria, and competitive issues.

SAP Research is all about digging into complex design and market issues – to make products better and stronger. If you can do that, there just might be a place for you at SAP.

Your research work will be in the following area: Security & Trust

## EDUCATION AND QUALIFICATIONS / SKILLS AND COMPETENCIES

- You have completed or are about to complete your Ph.D. or M.Sc. in the area of IT Security or a closely related field with very good to good results
- You have working knowledge and hands-on experience in at least two of the following areas: Risk management, threat modeling, code analysis, penetration testing, security validation, security requirements engineering, web application security, secure programming, secure development processes, identity and access management, security policy management
- Professional certification (e.g., CISSP) is a plus
- Knowledge of SAP technologies (ABAP, NetWeaver, IAM framework, etc.), and related technologies (.Net, Silverlight, WPF, Java, iOS) is a plus
- You demonstrate strong capabilities in self organization, the ability to work in an international team of researchers and the willingness to supervise and assist students

SAP is the global market leader for business software and thus contributes a considerable part of the world's economic power grid. At SAP you get your chance to put your ideas into action with maximum impact.

Please note that SAP only accepts applications submitted via our online recruiting system. Individuals with disabilities who require a reasonable accommodation in the job application process should contact HR Direct (Americas: [hrdirectamericas@sap.com](mailto:hrdirectamericas@sap.com), APJ: [hrdirectapj@sap.com](mailto:hrdirectapj@sap.com), EMEA: [careers@sap.com](mailto:careers@sap.com))



## (Senior) Researcher (f/m) in the area Security&Trust for SAP Research Karlsruhe



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- Excellent communication skills: oral, written, and in presentations; the ability to fluently communicate verbally and in writing in German and English

Your set of application documents should contain a cover letter, a tabular CV, copies of your obtained degrees and (if available) copies of your references from former employers (e.g. internships). Please also describe your experience as well as skills in foreign languages, computer programs and programming languages.

PLEASE APPLY ONLINE AT [WWW.SAP.DE/JOBS!](http://WWW.SAP.DE/JOBS!)

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