

# Postdoctoral Researcher Position

## IRISA, Rennes, France

**Context** Embedded Security and Cryptography (EMSEC)<sup>1</sup> is a research team within the IRISA computer science institute located in Rennes. Rennes is an important research center in security and cryptography situated at less than 2 hours (by express train) from Paris, and 45 minutes from the seaside.

**Position** We are looking for a motivated postdoctoral researcher with a good publication record and experience/interest in at least one of the following fields:

- Micro-architecture
- Side channels
- System security for mobile, cloud or IoT systems
- Applied cryptography

The researcher will investigate micro-architectural attacks, including cache attacks, or attacks on DRAM or the branch prediction unit. In particular, we are interested in automatically finding new side channels on hardware, as well as automatically finding related vulnerabilities on software (e.g. in cryptographic protocols). Knowledge of French is not required.

Ideally, the position will start at the beginning of 2018 (no fixed date).

**How to apply?** Applications should be sent by email to Clémentine Maurice ([clementine.maurice@irisa.fr](mailto:clementine.maurice@irisa.fr)), and should include the following documents:

- Motivation letter clearly explaining the candidate's interest in the proposed topic and his/her fit to the position;
- Curriculum Vitae (including education and research experience, short description of the PhD thesis, list of publications, etc.);
- Names and email addresses of two persons who can provide references.

Candidates are invited to apply as soon as possible. Applications will be reviewed until the position is filled.

**Contact** For any additional information, please contact Clémentine Maurice: [clementine.maurice@irisa.fr](mailto:clementine.maurice@irisa.fr)

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<sup>1</sup><https://www.irisa.fr/emsec/>