framatome

Framatome is a major international player in the energy market recognized for its innovative solutions and value-added technologies. 14,000 Framatome employees worldwide, and about 2,500 at Framatome GmbH in Germany help customers to improve the safety and performance of their energy solutions and to achieve their economic and societal goals.

Call for **PhD Students** in Cybersecurity

Our Cybersecurity R&D team is looking for 6 PhD students. Each PhD candidate shall provide a major contribution to novel concepts in one or two of 9 technical subdomains, including security assurance, smart (model-based) security testing, forensic readiness and semi-formal approaches.

The team is supported by 3 University Partners, each with their own PhD students in the joint projects.

Each PhD student is expected to get deeply involved into an analytical part (e.g. modeling, attack-tree analysis, smart fuzzing) and a practical industrial automation part, including a SCADA platform.

Transversal topics related to operating systems, network security, FPGA technology, IIoT security, security metrics, digital forensics, etc. will be jointly addressed by multiple PhD students.

The PhD students have to publish and present generic results, as part of the funding is external.

Location: Erlangen, Germany

Begin: 8/2021 or later in 2021

Duration: 3 years, optionally 1 year extension

Remuneration: fixed/month

Qualifications: You are currently studying in one of the following disciplines:

- Computer Science (or programming related), Information Security
- Electrical Engineering, Industrial Automation with initial software development experience

English language proficiency is expected and German language knowledge is a plus.

If you aspire a PhD degree in an industrial context and enjoy working in a team with university partners, we would like to hear more from you. We are glad about your application!

Note: As support for the PhD students we are also looking for **Bachelor** and **Master** students.

Please don't hesitate to contact
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for technical details or apply
directly on www.framatome.com

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