To strengthen our team in the Research Department for Cyber-Physical Systems at our Bremen site we are looking for two

**Researchers (m/w/d)**

(part-time, 50%, limited term)

At the research department for Cyber-Physical Systems (director: Prof. Dr. Rolf Drechsler) a young and international team is working on methods for the correctness and reliability of cyber-physical systems, together with our national and international partners from industry and academia.

If you want to work in tomorrow’s world today, and if you are tempted by new scientific terrain instead of following the well-trodden path, then we are offering you the chance to join our young and enthusiastic team at an internationally renowned centre of excellence. In an innovative and exciting atmosphere we are working on projects in the areas of system design, formal methods, embedded systems or smart living.

Our requirements:

- Bachelor or master in computer science, or a closely related field (mathematics, artificial intelligence, or similar),
- high interest and enthusiasm for scientific work in foundational research as well technology transfer in the field of post-quantum cryptography,
- good knowledge to programming and excellent mathematical aptitude.

Knowledge of low-level assembly and hardware description languages (VHDL, Verilog), simulation and verification of systems, or experience with the RISC-V architecture are advantageous.

Postgraduate studies leading to a doctoral degree (PhD equivalent) are possible at the Ruhr-University. DFKI is offering you an excellent head start into a career at industry and academia.

We are looking forward to receiving your application documents, including a CV and a list of publications if applicable, and date of availability until 30.09.2020.

Please direct your application documents (in electronic form only) to Prof. Dr. Christoph Lüth (Christoph.Lueth@dfki.de). Prof. Lüth is also available to answer additional questions pertaining to the advertised position.