Forschungspraxis

SystemC modeling of Cryptographic Functions

SystemC [1] is a C++ extension that facilitates system modeling and architecture exploration. Hardware models can be abstracted and design options can be evaluated in a higher abstraction level compared to HDL languages.

The goal of this work is to model cryptographic building blocks and evaluate the performance for different design options.

[1] https://systemc.org/

Prerequisites

- Good knowledge of C/C++
- Basic knowledge of SystemC

Upon application, please attach a short CV and list your experience using C/C++/SystemC

Contact

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Advisors

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