Bachelor's Thesis

Automation of Logic Locking Schemes

Logic locking has become one of the more promising methods to protect hardware designs against IP Infringement and Hardware Attacks - for example through the insertion of Hardware Trojans. This work should look into existing tools which automate the locking process, as well as automating known methods which are not yet included in existing tools.

Prerequisites

Idealy:

- Python / C
- Verilog / VHDL

Contact

Johanna Baehr
Chair for Security in Information Technology
Head: Prof. Dr.-Ing. Georg Sigl
Technical University of Munich
Arcisstr. 21, 80333 Munich (Germany)
Tel.: +49 (89) 289 – 28246
Room: 0101.Z1.014
johanna.baehr@tum.de

Advisors

Johanna Baehr