

Curriculum Vitae

Personal Information

Name/Surname **Giuseppe Chiari**
Date of birth **20th May, 1997**
Email **giuseppe.chiari@polimi.it**



Experience

Date **Dec 2023 - Now**
Position **PhD Student**
At **DEIB, Politecnico di Milano
and
Infineon Italia**
Research Scope **Design methodologies using AI for digital
and mixed-signal circuits**
Advisor **Prof. Davide Zoni (PoliMi)
and
Hayri Verner Hasou (Infineon)**

Education

Degree **MSc in Computer Science Engineering**
Date **18th July, 2023**
Thesis **Design and implementation of a convolutional neural network
to locate cryptographic operations in side-channel traces**
Tutor **Prof. Davide Zoni**
University **Politecnico di Milano**

Degree **Laurea Triennale in Ingegneria Informatica**
Date **22nd July, 2020**
University **Politecnico di Milano**

Services in Scientific Venues

Conference **International Conference on Machine Learning (ICML) 2026**
Role **Reviewer**
Award **Gold Reviewer (top 25%)**

Journal **Microprocessors and Microsystems (Elsevier MICPRO)**
Role **Reviewer**

Publications

Title	Inspector: Conversational and Lightweight Analyzer of Analog Circuit Layouts Using LLM and CNNs
Authors	Abril Cano Castro, <i>Giuseppe Chiari</i> , Michele Piccoli, Federico Viola, and Davide Zoni
Conference	IEEE International Conference on LLM-Aided Design (ICLAD)
Year	2026
Title	OSIRIS: Bridging Analog Circuit Design and Machine Learning with Scalable Dataset Generation
Authors	<i>Giuseppe Chiari</i> , Michele Piccoli and Davide Zoni
Conference	International Conference on Learning Representations (ICLR)
Year	2026
Title	Chameleon: A Dataset for Segmenting and Attacking Obfuscated Power Traces in Side-Channel Analysis
Authors	Davide Galli, <i>Giuseppe Chiari</i> , and Davide Zoni
Conference	IACR Transactions on Cryptographic Hardware and Embedded Systems (TCHES)
Year	2025
Title	Hound: Locating Cryptographic Primitives in Desynchronized Side-Channel Traces Using Deep-Learning
Authors	Davide Galli, <i>Giuseppe Chiari</i> , and Davide Zoni
Conference	IEEE International Conference on Computer Design (ICCD)
Year	2024
Title	A Deep-Learning Technique to Locate Cryptographic Operations in Side-Channel Traces
Authors	<i>Giuseppe Chiari</i> , Davide Galli, Francesco Lattari, Matteo Matteucci, and Davide Zoni
Conference	Design, Automation and Test in Europe Conference (DATE)
Year	2024