

### **Hardware trojan insertion in finalized layouts : from methodology to a silicon demonstration**

**Perez, Tiago Diadami; Pagliarini, Samuel Nascimento** IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems 2023 / p. 2094-2107 <https://doi.org/10.1109/TCAD.2022.3223846> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A pragmatic methodology for blind hardware trojan insertion in finalized layouts**

Hepp, Alexander; **Perez, Tiago Diadami; Pagliarini, Samuel Nascimento**; Sigl, Georg ICCAD '22: Proceedings of the 41st IEEE/ACM International Conference on Computer-Aided Design 2022 / art. 69, p. 1-9 : ill <https://doi.org/10.1145/3508352.3549452> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Ransomware attack as Hardware Trojan : a feasibility and demonstration study**

**Almeida, Felipe; Imran, Malik; Raik, Jaan; Pagliarini, Samuel Nascimento** IEEE Access 2022 / p. 44827-44839 <https://doi.org/10.1109/ACCESS.2022.3168991> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **SCARF : securing chips with a robust framework against fabrication-time hardware trojans**

**Eslami, Mohammad; Ghasempouri, Tara; Pagliarini, Samuel Nascimento** IEEE Transactions on Computers 2024 / p. 2761-2775 <https://doi.org/10.1109/TC.2024.3449082> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **SCARF : securing chips with a robust framework against fabrication-time hardware Trojans : preprint**

**Eslami, Mohammad; Ghasempouri, Tara; Pagliarini, Samuel Nascimento** arXiv.org 2024 / 14 p. : ill <https://doi.org/10.48550/arXiv.2402.12162>

### **Side-channel Trojan insertion - a practical foundry-side attack via ECO**

**Perez, Tiago Diadami; Imran, Malik; Vaz, Pablo; Pagliarini, Samuel Nascimento** 2021 IEEE International Symposium on Circuits and Systems (ISCAS), Daegu, Korea, May 22-28, 2021 : proceedings 2021 / 5 p. : ill <https://doi.org/10.1109/ISCAS51556.2021.9401481> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)