

### **Design space exploration of SABER in 65nm ASIC**

**Imran, Malik; Almeida, Felipe; Raik, Jaan;** Basso, Andrea; Roy, Sujoy Sinha; **Pagliarini, Samuel Nascimento** ASHES '21 : proceedings of the 5th Workshop on Attacks and Solutions in Hardware Security 2021 / p. 85-90  
<https://doi.org/10.1145/3474376.3487278>

### **High-level intellectual property obfuscation via decoy constants**

**Aksoy, Levent;** Nguyen, Quang-Linh; **Almeida, Felipe; Raik, Jaan;** Flottes, Marie-Lise; Dupuis, Sophie; **Pagliarini, Samuel Nascimento** 2021 IEEE 27th International Symposium on On-Line Testing and Robust System Design (IOLTS) : Torino, Italy, 28-30 June 2021 2021 / p. 1-7 <https://doi.org/10.1109/IOLTS52814.2021.9486714>

### **High-speed SABER key encapsulation mechanism in 65nm CMOS**

**Imran, Malik; Almeida, Felipe;** Basso, Andrea; Roy, Sujoy Sinha; **Pagliarini, Samuel Nascimento** Journal of cryptographic engineering 2023 / p. 461-471 : ill <https://doi.org/10.1007/s13389-023-00316-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Hybrid protection of digital FIR filters**

**Aksoy, Levent;** Nguyen, Quang-Linh; **Almeida, Felipe; Raik, Jaan;** Flottes, Marie-Lise; Dupuis, Sophie; **Pagliarini, Samuel Nascimento** IEEE transactions on Very Large Scale Integration (VLSI) Systems 2023 / p. 812-825 : ill  
<https://doi.org/10.1109/TVLSI.2023.3253641> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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](#)

### **Resynthesis-based attacks against logic locking**

**Almeida, Felipe; Aksoy, Levent;** Nguyen, Quang-Linh; Dupuis, Sophie; Flottes, Marie-Lise; **Pagliarini, Samuel Nascimento** 2023 24th International Symposium on Quality Electronic Design (ISQED) : San Francisco, 5-7 April 2023 2023 / 8 p. : ill  
<https://doi.org/10.1109/ISQED57927.2023.10129403> [Article at Scopus](#) [Article at WOS](#)

### **Side-channel attacks on triple modular redundancy schemes**

**Almeida, Felipe; Aksoy, Levent; Raik, Jaan; Pagliarini, Samuel Nascimento** 2021 IEEE 30th Asian Test Symposium ATS 2021 : proceedings 2021 / p. 79-84 : ill <https://doi.org/10.1109/ATS52891.2021.00026> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)