

Published, online papers are linked in the title. Presenters are in bold.

### **1st Place** [SpecFuzz: Bringing Spectre-type vulnerabilities to the surface](#)

**Oleksii Oleksenko (TU Dresden)**, Bohdan Trach (TU Dresden), Mark Silberstein (Technion), Christof Fetzner (TU Dresden)

### **2nd Place** [Dragonblood is Still Leaking: Practical Cache-based Side-Channel in the Wild](#)

**Daniel De Almeida Braga (University of Rennes 1)**, Pierre-Alain Fouque (University of Rennes 1), Mohamed Sabt (University of Rennes 1)

### **3rd Place** [Procedural Noise Adversarial Examples for Black-Box Attacks on Deep Convolutional Networks](#)

**Kenneth T. Co (Imperial College London)**, Luis Muñoz-González (Imperial College London), Sixte de Maupéou (Imperial College London), Emil Lupu (Imperial College London)

### **Finalist** [Cached and Confused: Web Cache Deception in the Wild](#)

**Seyed Ali Mirheidari (University of Trento)**, Sajjad Arshad (Northeastern University), Kaan Onarlioglu (Akamai Technologies), Bruno Crispo (University of Trento, KU Leuven), Engin Kirda (Northeastern University), William Robertson (Northeastern University)

### **Finalist** [LVI: Hijacking Transient Execution through Microarchitectural Load Value Injection](#)

**Jo Van Bulck (KU Leuven)**, Daniel Moghimi (Worcester Polytechnic Institute), Michael Schwarz (Graz University of Technology), Moritz Lipp (Graz University of Technology)

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**Finalist** [HYBCACHE: Hybrid Side-Channel-Resilient Caches for Trusted Execution Environments](#)

**Ghada Dessouky (Technische Universität Darmstadt)**, Tommaso Frassetto (Technische Universität Darmstadt), Ahmad-Reza Sadeghi (Technische Universität Darmstadt)

**Finalist** [Understanding Screaming Channels: From a Detailed Analysis to Improved Attacks](#)

**Giovanni Camurati (EURECOM)**, Aurélien Francillon (EURECOM), François-Xavier Standaert (Université catholique de Louvain)

**Finalist** [RISQ-V: Tightly Coupled RISC-V Accelerators for Post-Quantum Cryptography](#)

**Tim Fritzmann (Technical University of Munich)**, Johanna Sepúlveda (AIRBUS Defence and Space GmbH), Georg Sigl (Technical University of Munich)

**Finalist** [Optimizing Inner Product Masking Scheme by A Coding Theory Approach](#)

**Wei Cheng (LTCI, Télécom Paris)**, Sylvain Guilley (Secure-IC; LTCI, Télécom Paris), Claude Carlet (LAGA, Department of Mathematics, University of Paris 8), Sihem Mesnager (LAGA, Department of Mathematics, University of Paris 8), Jean-Luc Danger (LTCI, Télécom Paris; Secure-IC)

**Finalist** [TeeRex: Discovery and Exploitation of Memory Corruption Vulnerabilities in SGX Enclaves](#)

**Tobias Cloosters (University of Duisburg-Essen)**, Michael Rodler (University of Duisburg-Essen), Lucas Davi (University of Duisburg-Essen)