MAY 22-25, 2023 AT THE HYATT REGENCY, SAN FRANCISCO, CA & ONLINE

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Accepted Papers

Space Odyssey: An Experimental Software Security Analysis of Satellites
Johannes Willbold (Ruhr University Bochum), Moritz Schloegel (Ruhr University Bochum), Manuel Vögele (Ruhr University Bochum), Maximilian Gerhardt (Ruhr University Bochum), Thorsten Holz (CISPA Helmholtz Center for Information Security), Ali Abbasi (CISPA Helmholtz Center for Information Security)

SCAPHY: Detecting Modern ICS Attacks by Correlating Behaviors in SCADA and PHYsical
Moses Ike (Georgia Institute of Technology, USA), Kandy Phan (Sandia National Labs, USA), Keaton Sadoski (Sandia National Labs, USA), Romuald Valme (Sandia National Labs, USA), Wenke Lee (Georgia Institute of Technology, USA)

Shedding Light on Inconsistencies in Grid Cybersecurity: Disconnects and Recommendations
Brian Singer (Carnegie Mellon University), Amritanshu Pandey (Carnegie Mellon University), Shimiao Li (Carnegie Mellon University), Lujo Bauer (Carnegie Mellon University), Craig Miller (Carnegie Mellon University), Lawrence Pileggi (Carnegie Mellon University), Vyas Sekar (Carnegie Mellon University)

Red Team vs. Blue Team: A Real-World Hardware Trojan Detection Case Study Across Four Modern CMOS Technology Generations
Endres Puschner (Max Planck Institute for Security and Privacy, Germany), Thorben Moos (Université catholique de Louvain, Belgium), Steffen Becker (Ruhr University Bochum, Germany & Max Planck Institute for Security and Privacy, Germany), Christian Kison (Bundeskriminalamt, Germany), Amir Moradi (Ruhr University Bochum, Germany), Christof Paar (Max Planck Institute for Security and Privacy, Germany)

SoK: Distributed Randomness Beacons
Kevin Choi (New York University, USA), Aathira Manoj (New York University, USA), Joseph Bonneau (New York University, USA and a16z crypto research, USA)

WeRLman: To Tackle Whale (Transactions), Go Deep (RL)
Roi Bar-Zur (Technion, IC3), Ameer Abu-Hanna (Technion), Ittay Eyal (Technion, IC3), Aviv Tamar (Technion)

Three Birds with One Stone: Efficient Partitioning Attacks on Interdependent Cryptocurrency Networks
Muhammad Saad (PayPal), David Mohaisen (University of Central Florida)