

SECURE-NET Mutual Training Event

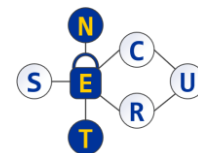
Thursday, August 27, 2026

Kaunas University of Technology
Studentų g. 50, room 108, Kaunas, Lithuania

8:30 – 17:00 EET

Agenda

8:30 – 8:55	Registration and morning coffee
8:55 – 9:00	Welcome
Researchers and Innovators Training Sessions	
9:00 – 10:10	Dr. Vaidotas Drungilas, KTU <i>Blockchain Usage in Distributed Systems Security: Considerations and Current Applications</i>
10:10 – 10:40	SECURE-NET Experience Sharing • Durba Chatterjee: <i>Design and Implementation of Side-Channel Countermeasures for Dilithium</i> • Tariq Bontekoe: <i>Don't Trust Your PETs, Verify Them: Zero-Knowledge Proofs for Verifiable Privacy-Preserving Computations</i>
10:40 – 11:00	Break
11:00 – 11:35	Dr. Nerijus Šatkauskas, KTU <i>Empirical Overhead Decomposition of Hybrid Post-Quantum Key Exchange in TLS 1.3</i>
11:35 – 12:20	SECURE-NET Experience Sharing • Olumba Chima Anya: <i>AutoPoV: Autonomous Proof-of-Vulnerability Generation & Validation</i> • Lukáš Daubner: <i>Analysing Tamper-Resistant Forensic Evidence Storages</i> • Raimundas Matulevičius: <i>Security Risk Management of Baseboard Management Controller</i>
12:20 – 13:20	Lunch
13:20 – 14:50	Prof. Dr. Šarūnas Grigaliūnas, KTU <i>Cybersecurity Risks Management (on-site participation only)</i>
14:50 – 15:10	Break
Support Staff Training	
15:10 – 16:10	Viktoria Biliaieva , Head of Grant Writing Unit, UT, and Hector Charles Pagan , Head of Research Partnerships, Cybernetica <i>Developing Successful Grant Applications in 2026 and Beyond</i>
16:10 – 17:00	Roundtable <i>Knowledge Exchange Across Consortium</i>



ABSTRACTS

Research and Innovators Training Sessions

Blockchain Usage in Distributed Systems Security: Considerations and Current Applications

Dr. Vaidotas Drungilas

This talk introduces participants with basic blockchain concepts, problems and benefits of blockchain system integration with distributed information systems. The speaker overviews domains combining security with blockchain as well as key requirements for such system to be beneficial. Finally, the talk sheds light on the difficulties and pitfalls of distributed system development using smart contracts, hidden costs and success stories.

Empirical Overhead Decomposition of Hybrid Post-Quantum Key Exchange in TLS 1.3

Dr. Nerijus Šatkauskas

Quantum computers threaten to break a classical key exchange (ECDHE) that protects today's TLS (Transport Layer Security) 1.3 traffic, and the "harvest-now, decrypt-later" attack means that data captured today is at risk later. This talk presents empiric evaluation of a hybrid ECDHE + ML-KEM handshake combining classical and quantum-resistant algorithm, so network security persists even if one fails. The speaker discusses the main problems this research exposes as well as possible solutions that could make quantum-resistant transport practical even today.

Cybersecurity Risks Management

Prof. Dr. Šarūnas Grigaliūnas

This on-site only training session invites participants to take part in "[No]Risk" – an interactive cybersecurity risk management game designed to help researchers and innovators understand how cyber risks emerge, spread, and affect real organisational decisions. Participants will explore how to identify cyber threats, assess their likelihood and impact, select proportionate controls, and communicate risk decisions under uncertainty. The game supports applied learning by transforming cybersecurity risk management from a theoretical process into a collaborative, evidence-based exercise.

Support Staff Training

Developing Successful Grant Applications in 2026 and Beyond

Viktoria Biliaieva, Head of Grant Writing Unit, UT, and

Hector Charles Pagan, Head of Research Partnerships, Cybernetica

The talk compares grant support functions across academic and industry settings. On the academic side, it covers grant support procedures at the University of Tartu, including identification and promotion of funding opportunities, organization of grant writing services, and specialized support schemes. On the industry side, it covers how a company's research partnerships function supports proposal development from a non-academic partner's perspective. The talk further explores the different roles that universities and companies play in proposals, as well as the outlook beyond 2026: how the funding environment is shifting, how AI is changing grant support work, and what these changes mean across both settings going forward.

Roundtable: Knowledge Exchange Across Consortium

This session provides an opportunity for the consortium partners to share their approaches to selecting funding opportunities and supporting grant writing. Partners' support staff will discuss how they support consortium-building and collaboration, including academia-industry partnerships. The session will also cover responses to upcoming challenges in accessing EU funding, and opportunities for enhanced collaboration.