

International Conference on AI, 5G and QUANTUM SECURITY

**March 19, 10:00 CET
Online (Zoom)**

<https://us02web.zoom.us/j/81161472083?pwd=u8Kr5PDffA6srYi0Zz6wdWRRyuge2.1>

10:00am - 10:05am	Welcome Speech	Sergiy Gnatyuk,
10:05am - 10:10am		Maksim Iavich
10:10am - 10:25am	AI use in static analysis	Tamari Kuchukhidze (Kaunas University of Technology)
10:25am - 10:40am	The use of QRNGs in post-quantum cryptography	Maksim Iavich (Caucasus University)
10:40am - 10:55am	Quantum AI for Cybersecurity: Intelligent Post-Quantum Threat Detection in 5G Ecosystems	Lela Mirtskhulava, Ivane Javakhishvili (Tbilisi State University)
10:55am - 11:10am	Agentic Sovereignty & Post-Quantum Resilience	Nato Jiadze (MoD Georgia)
11:10am - 11:25am	Constructing Transparent Post-Quantum Signatures with Verkle Trees and FRI	Giorgi Akhalaia (Caucasus University)
11:25am - 11:40pm	The "Breakdown Point" of AI Detectors: Forcing a Lose-Lose Scenario in Adversarial NLP	Andrii Nykonenko
11:40pm - 11:55pm	Next generation cybersecurity system for 5G&Beyond	Roman Odarchenko
11:55pm - 12:10pm	Generative AI and the Evolving Cyber Threat Landscape	Adamov Alexander
12:10pm - 12:25pm	Inference-time scaling as the universal scaling mechanism: generalization and topological classification	Vitalii Bondar
12:25pm - 12:40pm	Machine learning-based algorithms for anomalies detection in LMS platform data	Sergiy Ghatyuk, Dmytro Proskurin, Tetiana Hryniuk
12:40pm-12:55pm	Architectural Integration of QKD into TLS 1.3 for Quantum-Resistant Communication	Shaina Oleksii, Fesenko Andriy