



Agenda

CYBERWARFARE: INTELLIGENCE, DEFENSE AND OFFENSIVE SECURITY

12 May 2026

Nº	Time (UTC+3)	Topic	Author	Photo
Introduction words				
1	09.00 - 09.05	Commander of the Kruty Heroes Military Institute of telecommunications and information technologies	Brigade general Oleksiy KOVALENKO (Ukraine)	
2	09.05 - 09.10	Cyber Force Deputy Commander, Armed Forces of Ukraine	Colonel Maksym PAVLIUK (Ukraine)	
3	09.10 - 09.15	NATO Cooperative Cyber Defence Centre of Excellence (CCDCOE)	Andrii DAVYDIUK Ph.D. (Estonia)	

4	09.15 - 09.20	Norwegian Defense University College	Johnny Grøneng AASE PhD Senior Research Officer (Norway)	
5	09.20 - 09.25	Nikola Vaptsarov Naval Academy	Borislav NIKOLOV Ph.D., assistant professor. (Republic of Bulgaria)	
6	09.25 - 09.30	Maritime cybersecurity center	Jacob SYTA Ph.D., professor (Republic of Poland)	
Moderator - Vladyslav Chevardin (Ukraine)				
7	09.30 - 09.40	NEEDS AND ISSUES IN PRACTICE: cyberwarfare: cybersecurity, cyber reconnaissance, offensive security	Vladyslav CHEVARDIN DSc, professor. Head of Cybersecurity department MITIT (Ukraine)	
8	09.40 - 09.50	Differential probabilities for FL transformations of MISTY1, KASUMI, and CAMELLIA ciphers	Serhii YAKOVLIEV PhD, Assistant professor, National Technical University of Ukraine Igor Sikorsky Kyiv Polytechnic Institute (Ukraine)	
9	09.50 - 10.00	Improving the Accuracy of Object Trajectory Estimation Based on Radio Direction-Finding Data Using Sensor Fusion and Nonlinear Kalman Filtering with RTS Smoothing.	Andrii ZADVORNIY Department of Computer Science and Intelligent Technologies MITIT (Ukraine)	

10	10.00 - 10.10	Direct LUT Training for KAN On FPU-less Microcontrollers: Adaptive Cyber Threat Detection on Drones and IoT Nodes Without Server Connectivity	Oleksander KUZNETSOV DS, professor V. N. Karazin Kharkiv National University Department of Information Systems and Technologies Security (Ukraine)	
11	10.10 - 10.20	Use of Artificial Intelligence Technologies for the Automation of Preparation and Execution of Cyber Training on CybeXer Cyber Ranges	Dmitrii STOLIARIV CybExer Technologies - senior cyber security expert (Estonia)	
12	10.20 - 10.40	An integrated methodology for identifying, analyzing, and neutralizing threats to national security and defense.	Vitalii SAVCHENKO DSc, prof., Department of Cybersecurity and Information Protection Management of the State University of Information and Communication Technologies (Ukraine)	
13	10.40 - 10.50	Theoretical and practical foundations for constructing entropy sources using non-physical noise sources and entropy extractors based on national cryptographic algorithms	Dmytro HORBENKO V. N. Karazin Kharkiv National University (Ukraine)	
14	10.50 - 11.00	The impact of operating modes and group use of mobile devices on the tactical-level electromagnetic environment	Serhiy KYRYCHYK Military Institute of Tank Forces, Kharkiv National University "KhPI"	
15	11.00 - 11.10	The uncertainty regarding the occurrence of disruptions to the critical infrastructure facility real time normal operation	Pavlo KHUSAINOV Candidate of Technical Sciences, Associate Professor, MITIT (Ukraine)	

16	11.10 - 11.20	Conducting cybersecurity self-assessments of departments during the initial phase of ISMS implementation and security certification	Oleh MAZYLEVSKIY Candidate of Technical Sciences, Associate Professor, MITIT (Ukraine)	
17	11.20 - 11.30	Leveraging Artificial Intelligence to improve threat detection in Information and Security Event Management Systems within a Zero-Trust Architecture	Vladyslav BORODAVKA Education and Research Institute of Computer Sciences and Artificial Intelligence V. N. Karazin Kharkiv National University (Ukraine)	
18	11.40 - 11.50	DONATION: a lightweight block cipher for UAV applications	Ludmyla KOVALCHUK DSc, professor (Ukraine)	
19	11.50 - 12.00	The shortest path problem under network uncertainty	Maksim Kitsak, Ph.D. Associate Professor of Electrical Engineering, Mathematics and Computer Science, Delft University of Technology	
20	12.00 - 12.10	LockShield 2026: Ukraine experience	Andriy BRODOVSKIY Senior lecturer, MITIT (Ukraine)	
21	12.10 - 12.20	Instructions for DAY-2 (CTF)	Vladyslav CHEVARDIN DSc, professor, head of MITIT Cybersecurity department (Ukraine)	

