



TECHNOLOGY AND TECHNOLOGY AND DEFENCE CONFERENCE

AGENIDA

PÁLFFY ROOM BERCSÉNYI ROOM DAMJANICH ROOM MAIN STAGE 8:00 Registration Welcoming Remarks - The Purpose of TECHDEF 8:50 Dr. Gergely Németh, Chief Executive Officer, VIKI Keynote 9:00 Innovation in Defence H.E. Kristóf Szalay-Bobrovniczky, Minister of Defence, Hungary Keynote 9:15 The Transformation of the Hungarian Defence Forces General Dr. Gábor Böröndi, Chief of General Staff, Hungarian Defence Forces Keynote - Multiple Perspectives 9:50 The Long View: A Foresight Assessment of the Challenges Ahead Keynote The Global Perspectives of Challenges and Opportunities for Defence Dr. Joseph Voros, Adjunct Professor at the Swinburne University of Technology Keynote Global Strategic Trends: Out to 2055, Direction and Extent of Change on the Technology Landscape Paul Norman, Futures Division, UK Ministry of Defence Keynote The Economic Perspectives in the Next Decade Rafal Kierzenkowski, Head of Strategic Foresight at OECD Colleg Dican Roundtable Discussion with Scene-Setting Keynotes 10:50 Wars and Lessons for Future Forces Keynote Old Wine in a New Bottle? Contemporary Wars and Their Character Dr. Tim Sweijs, Research Director, The Hague Centre for Strategic Studies Keynote Revolution in Military Affairs? Implications for Force Design Dr. Amos Fox, Editor of the Small Wars Journal, Professor at the Arizona State University Workshop Way Ahead for War Sciences?
Interactive Session with Dr. Ferenc Kaiser, Chief Scientific Advisor, VIKI 10:50



Workshop 10:50 The future of Cyber Defence Exploratory Conversation with Gergő Gyebnár, Chief Executive Officer and János Csatári, Black Cell Roundtable Discussion with Scene-Setting Keynotes Technology Horizons: Main Technology Trends Shaping Defence Keynote Emerging Disruptive Technologies: Introducing NATO Science and Technology Trends Report Jordan Sweeney, NATO Office of Chief Scientist Keynote Defence Research and Innovation in the Age of Accelerating Change Katarina Björklund, Vice President EU & NATO Innovation Government Affairs, SAAB Keynote The Future of Land Warfare Tobias Behr, Head of Technology Strategy, Rheinmetall Keynote NATO's Rapid Adoption Action Plan: From Innovation to Capability Eglè Karpauskaitè, NATO HQ, Brussels Moderated Roundtable Discussion Moderated by: Zsófia Wolford, RAND EUROPE, Futures team Workshop VIKI Next Dimension Training - Fast-Tracking Growth with New Technology 13:30 Interactive Session with Gergő Kovács, Head of XR Centre of Excellence, VIKI; Dr. Márk Takács, Product Owner, Infinit Simulation and Ltc. Péter Bolobás, General Staff J7, planner, Hungarian Defence Forces Collee Dieak Keynote From Innovation to Capability: NATO DIANA and the Road 14:50 to Rapid Adoption Ryan Benitez, Chief Commercial Officer, NATO DIANA How to Develop Strategies in the Age of Accelerating Change? 14:50 Interactive session with Dr. János Csombók, Head of Strategy Development, Rheinmetall and Daniel Scheer, Head of Business Development, Rheinmetall Roundtable Discussion with Scene-Setting Keynotes 15:05 Policy and Ecosystem in Defence Innovation Keynote Empowering Europe's Defence Tech Founders Through EU Support Kristīne Rudzīte-Stejskala, Team Leader, European Defence Innovation Scheme (EUDIS), Defence Policy Directorate, DG DEFIS, European Commission Keynote Empowering NATO's Technological Edge: STO Collaborative S&T Timothy Povich, Policy and Outreach, NATO Science & Technology Organization, CSO




Keynote Bridging Defence and Commercial Tech: DIANA's Role in the Dual-Use Ecosystem Ryan Benitez, Chief Commercial Officer, NATO DIANA Moderated Roundtable Discussion Moderated by: Krisztián Busa, Head of Department for Defence Innovation and Capability Development, Ministry of Defence, Hungary Workshop Lessons Learned from the War in Ukraine 15:05 Forum Discussion with Dr. Amos Fox, Editor of the Small Wars Journal, Professor at the Arizona State University and Dr. Tim Sweijs, Research Director, The Hague Centre for Strategic Studies 16:15 Closing Remarks Registration Keynote 8:50 Introducing VIKI's role in the Defence Innovation Ecosystem Dr. Gergely Németh, Chief Executive Officer, VIKI Keynote David M. Harvilicz Assistant Secretary for Cyber Infrastructure Risk and Resilience Policy, U.S. Department of Homeland Security Workshop EDF Info Stage - Lessons Learned and Best Practices 9:10 of Successful EDF Projects Hands-on Discussions with Representatives of Companies Moderated by: o Dr. András Levente Balog, National Delegate to the EDF Programme Committee / National EDF Focal Point (Ministry of Defence, Department for Defence Innovation and Capability Development) Participants: Bálint Szíjjártó, Project Director, CyEx Kft.; Péter Kerekes, Head of Modular Private Wireless & Defense, Nokia Solutions and Networks Ltd.; Thanos Stubos, National Center of Scientific Research Demokritos; Gyula Horváth, Chief Executive Officer, C3S. Workshop Tale of Two Artillery Systems 9:10 How OSINT and Al Help the Combat Evaluation Interactive Session with Gábor Mészáros, Director of Defence Research, VIKI and Dr. Ferenc Kaiser, Chief Scientific Advisor, VIKI Workshop 9:10 Climate Change Impact on Security and Defence
Workshop with Tibor Schaffhauser, Co-founder & climate policy advisor, Green Policy Centre Keynote Opportunities within the Hungarian Innovation Ecosystem
Robert Somogyi, Deputy Chief Executive Officer, Hungarian Innovation Agency 9:30 Crossroads of Technology Industry and Futures Future of Drones

Matej Kandrík, Executive Director, Adapt Institute and Marton Imrich, PhD Candidate,

Comenius University in Bratislava, Adapt Institute Expert Associate









Introduction: Buy One, Get One Free - Public Procurement of Innovation László Korányi, Chief Strategy Advisor State Secretariat for Innovation, Ministry of Culture and Innovation, Hungary Pre-Commercial Procurement: A Driver of the National Innovation Ecosystem Maciej Woszczyk, Strategy Advisor, National Centre for Research and Development (NCBR) Questions and Answers Workshop Interactive Session with the Adapt Institute on the future of drones – Matej Kandrik, Executive Director, Adapt Institute and Marton Imrich, PhD Candidate, Comenius University in Bratislava, Adapt Institute Expert Associate Workshop 11:30 Future of AI: finding common ground between geopolitical visions Interactive Session with George Tilesch, President, PHI Institute for Augmented Intelligence Ecosystem Networking Forum 12:00 Keynote A Case for Investing in the Defence Innovation Ecosystem 12:10 - The Story of SAAB Aircraft Development Centre Nils-Erik Svangård, Head of Saab Aviation Centre in Budapest Lunch Break #1 12:30 12:30 Innovation Pitch Sessions Workshop Military Applications of Quantum and Blockchain Technology Forum Discussion with Kitti Oláh and Dr. Imre Kocsis, BME / HUN-REN TKI How to Work with an Aircraft Development Centre? 13:00 Hands-on Discussion with Nils-Erik Svangård, Head of SAAB Aviation Centre in Budapest Innovation Collaboration with Academia 14:00 Be Part of the SAAB-VIKI Education Cooperation! - Gergő Kovács, Head of XR Centre of Excellence, VIKI E-adaptive Learning Platform Innovation Interactive Session with Jenő Dicse, Director of Business Development. SkillDict Zrt. 14:00 16:50 Closing Remarks and TECHDEF Award




12:30 WELCOME AND INTRODUCTION TRAINING, IMMERSIVE AND SIMULATION TECHNOLOGIES Infinit Simulation Ltd. 12:35 GTS - Gun Tactical Simulation WSZL Ltd. 12:41 Process Simulation Technology in Logistics ARWORKS LLC 12:47 XR Training Simulations with an SST (Simple Smart Tech) Approach AI, DATA AND DECISION SUPPORT BrigAlde Systems Ltd. 12:53 BrigAlde AGIgent Zrt. 12:59 Operational Planning Assistant by AGIgent axem Al Coding Assistant for Defence AUTONOMY, UNMANNED AND ROBOTICS SYSTEMS Cherub RDS Ltd. **5**33 ZamTar-1 Target Drone e-Otthon Ltd. **13:17** VIVA-OS: GPS Denied Environment Navigation Dynamit Nobel Defence Hungary Zrt.

Modular Mine Dispenser Unit 13:23 Drone Insight 13:29 GRAVADS SDR Technologies Ltd. 13:35 Disposable UGV with Swarming Capabilities Econ Engineering Ltd. 5:4 High-Durability Hydrogen Pressure Vessel I.L.R. Ltd. **13:47** Composite Technology for UAV Systems



	DEFENCE AND LAB		
	13:53	LatticeStudio Ltd. Lattice Defence	
	HUMAN PERFORMANCE AND BIO-INNOVATION		
	13:59	Captec Medical Ltd. CAPTEC BIODEFENCE	
	14:05	Semmelweis University / Pharmahungary Ltd. miRNA-Based Endurance Enhancement	
	14:11	RoLink Biotechnology Ltd. Art of the Kill – UV inactivation	
	14:17	Axon Labs Ltd. Cognitive Resilience System	
	14:23	Semmelweis University / Kinavix Human Digital Twins	
	14:29	Rose Ltd. Advanced Military Performance Textile System	
	INFORMATION, COMMUNICATION AND CYBER TECHNOLOGIES		
	14:35	Prianto Hungary Ltd. / Prianto Gmbh Defending the Digital Battlefield	
	14:41	Black Cell Ltd. OSINT-based Recognized Cyber Picture	
	INFRASTRUCTURE, RESILIENCE AND CRITICAL SYSTEMS		
	14:47	ASRHÜR Kimya ve Makina Sanayi A.Ş Hydrogen Without Borders	
	14:53	PROVICE Informatika Ltd. Al-driven Observability	
	14:59	HUN-REN Wigner Research Centre for Physics Positioning System Using Muons	
	15:05	PowerLynx Ltd. Rapid Data & Power Supply	





Luminescent Materials