



## Připravované aktivit Organizace pro vědu a technologie NATO ve fázi Exploratory Team s možností zapojení českých expertů k lednu 2022

Panel	Number	Class	Title	Starts	Ends
AVT	AVT-ET-218	NU	Cold spray technology for repair and improvement of military aircraft structures and components	01.01.2022	31.12.2023
AVT	AVT-ET-224	NU	Emerging Activities for Wind Tunnel Wall Boundary Simulations	01.01.2022	31.12.2023
IST	IST-ET-122	NU	Designing resilient autonomous vehicles	21.02.2022	21.02.2023
HFM	HFM-ET-195	NU	Pre-Symptomatic Detection of Biological Exposures	01.02.2022	01.02.2023
SET	SET-HFM-ET-125	NU	Ground Chemical Contamination Detection and Avoidance	24.01.2022	24.01.2023
SET	SET-HFM-ET-126	NU	Nanopore Sequencing for Biological Identification	24.01.2022	24.01.2023
IST	IST-ET-121	NU	Behavior profiling in IoT	17.01.2022	17.01.2023
SCI	SCI-IST-ET-060	NU	Overview of Maritime Situational Awareness activities within STO, ACT, CMRE, and the Nations	01.01.2022	01.01.2023
HFM	HFM-ET-197	UU	Gender, Peace and Sustainable Security	01.01.2022	01.01.2023
AVT	AVT-ET-217	NU	Dynamic Reconfigurable Mission Planning for Improved Readiness of Autonomous Military Vehicles	01.01.2022	31.12.2022
AVT	AVT-ET-219	NU	Maintenance Modeling in UxV Design for Improved Readiness and Endurance	01.01.2022	31.12.2022
AVT	AVT-ET-220	NU	Novel Materials and Manufacturing in Military Air Vehicle Design	01.01.2022	31.12.2022
AVT	AVT-ET-221	NU	Sustainable Aviation Fuels (SAF) in a Military Context	01.01.2022	31.12.2022
AVT	AVT-ET-222	NU	Energetic Materials : Higher Performance and Operational Field	01.01.2022	31.12.2022
AVT	AVT-ET-223	NU	Progressive Rotorcraft Propulsion Alternatives	01.01.2022	31.12.2022
AVT	AVT-HFM-ET-216	NU	Human Systems Integration of Augmented Reality for Land Platforms in combat environments	01.01.2022	31.12.2022
AVT	AVT-ET-225	NU	Reynolds Number Effects on Combat Aircraft External Aerodynamics	01.01.2022	31.12.2022



<b>IST</b>	IST-ET-120	NU	RF finger printing of Drones	20.12.2021	20.12.2022
<b>HFM</b>	HFM-ET-166	UU	Evaluation of Treatments of Post-amputation Phantom Limb Pain	15.01.2021	15.12.2022
<b>IST</b>	IST-ET-119	NU	Causal Reasoning	07.12.2021	07.12.2022
<b>MSG</b>	MSG-ET-053	UU	Allied Interoperability and Standardization Initiatives for Digital Twins	02.12.2021	02.12.2022
<b>SAS</b>	SAS-ET-EY	NU	Proactive Manoeuvres in the Information Environment-StratCom	01.11.2021	01.11.2022
<b>SAS</b>	SAS-MSG-ET-EZ	NU	Intermediate Force Capabilities (IFC) Wargaming-M&S Integration	31.10.2021	31.10.2022
<b>HFM</b>	HFM-ET-191	UU	Treatment Challenges with Combined Injuries	01.10.2021	31.10.2022
<b>IST</b>	IST-ET-118	NU	Complementary use of symbolic and sub-symbolic AI methods	08.10.2021	08.10.2022
<b>MSG</b>	MSG-ET-052	UU	Common Framework for the assessment of XR Technologies for Use in Training and Education	16.09.2021	16.09.2022
<b>HFM</b>	HFM-ET-194	NU	Effectiveness of Legacy and Next-Gen Personal Protect Equipment Against Current and Emerging Blast Threats	01.10.2021	01.09.2022
<b>HFM</b>	HFM-ET-192	UU	Blast Exposure Monitoring in Military Training and Operations (BEMMTO)	01.01.2021	31.07.2022
<b>HFM</b>	HFM-ET-190	UU	Psychosocial Factors of Unconventional Warfare	01.01.2021	01.07.2022
<b>SCI</b>	SCI-SET-ET-057	NU	Experimental analysis of combined, multistatic RF/EO data for improved Space Situational Awareness (SSA)	01.07.2021	01.07.2022
<b>AVT</b>	AVT-ET-215	NU	Thermal and Environmental Barrier Coatings for Military Aircraft Engines	01.07.2021	30.06.2022
<b>HFM</b>	HFM-ET-193	UU	Skills and chill pills: Navigating the cyber-social information environment	01.03.2021	30.06.2022
<b>SET</b>	SET-ET-124	NU	Evaluation Framework for Multi-sensor Tracking and Fusion Algorithms	22.06.2021	22.06.2022
<b>IST</b>	IST-ET-117	UU	Data Hiding in Information Warfare Operations	01.06.2021	01.06.2022
<b>SAS</b>	SAS-ET-FA	UU	Lessons Learned (LL) Ontology technologies - Improvements to Sharing & Searching	30.09.2021	28.02.2022
<b>HFM</b>	HFM-ET-186	UU	Microbiome Applications in Human Health and Performance	11.02.2021	28.02.2022
<b>SET</b>	SET-ET-121	NU	Design Space Exploration for Autonomous Sensing	01.08.2020	01.02.2022
<b>IST</b>	IST-ET-116	UU	Formal modelling of military cryptographic key-management (COMSEC) processes	01.01.2021	01.01.2022
<b>AVT</b>	AVT-ET-209	NU	Munition Health Management Technologies: Enabling Early Adopters	01.01.2021	31.12.2021
<b>AVT</b>	AVT-ET-214	NU	Operation of Unmanned Aerial Vehicles (UAVs) in Icing Environments	01.01.2021	31.12.2021
<b>IST</b>	IST-ET-115 (COM)	NU	Free Space Optical Communication Networks	16.12.2020	16.12.2021



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smluvně zabezpečeno Vojenským technickým ústavem s. p.



<b>IST</b>	IST-ET-112 (AI2S)	NU	Machine Learning Ecosystem for the Rapid Research, Development, and Deployment of Artificial Intelligence and Machine Learning Capabilities	14.07.2020	14.07.2021
<b>IST</b>	IST-ET-109 (AI2S)	UU	Orchestration and Scalability of AI-driven Systems	15.02.2021	19.02.2021

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