

Day 0 22 September

08:00 17:00	Rooms & Exhibition setup
08:00 19:00	Event check-in
19:00 21:00	Icebreaker Ergife Palace Hotel & Conference Center

Day 1 23 September

Orange Plenary Room

From Simulation to Action: Wargaming, Exercising, and Experimenting for Multi-Domain Advantage

08:00	Registration
09:00	Opening & welcome remarks COL Francesco Pacillo, M&S Centre of Excellence Director
09:10	HQ SACT opening remarks COL Steven Banks, HQ SACT - Branch Head - Modelling and Simulations and Learning Technology
09:25	Forum/COE overview LTC Douglas Ross, NATO M&S COE – Deputy Director
9:40	Plenary panel: Achieving Multi-Domain Advantage - The Role of Modeling and Simulation, Wargaming, and Experimentation in Decision-Making Chairperson: Tess Butler – Ruddy Nice Speakers: Col Nicholas Waldron, HQ SACT – Branch Head – Experimentation and Wargaming COL Olaf Werner, JFTC - Division Head - Training and Exercise Enabling Division Dr Jean-Francois Belanger, NDC - Senior Non-Resident Associate Fellow
10:55	Group picture
11:10	Coffee Break & Exhibition

	Room Orange I Commercial Technology	Room Orange II Interoperability, Standards, Integration and Development in Synthetic Environments	Room Pola III Wargaming, Experimentation and Decision Support in Multi-Domain Operations
11:40	Interoperability frameworks – Advancing military innovation through the cross-fertilisation of proven technology and capabilities that support Multi-Domain Training and Operations Jason Bone and Daniel Turcotte <i>Calian</i>	Evolving Digital Battlespace - The Fusion of Virtual And Constructive Simulations Peter Morrison <i>Bohemia Interactive Simulations</i>	Scaling up wargaming capabilities through innovative digital environments Francesca de Rosa <i>Center for Advanced Preparedness and Threat Response Simulation</i>
12:10	Lunch Break & Exhibition		
13:40	Title not provided Tess Butler <i>Ruddy Nice</i>	Scalable Geospatial Simulations for Modern Defence Operations Giovanni Fumia <i>HEXAGON LEICA Geosystems</i>	Support Modelling as an important adjunct/complement to Operational modelling and Wargaming Fergus Hawkins <i>TFD Europe Limited</i>

<p>14:10</p>	<p>HLA 4 - The Best HLA version ever</p> <p>Fredrik Antelius <i>Pitch Technologies</i></p>	<p>Building Trust in M&S for Multi-Domain Operations</p> <p>Jan Hodický <i>NATO.ACT</i></p>	<p>CACTUS: Enhancing Strategic Decision-Making for Urban CBRNe and TIC/TIM Events through Simulation and AI</p> <p>Marina Massei, Antonio Giovannetti, Marco Gotelli, Filippo Ghisi, Luca Cirillo, Xhulia Sina, Massimo Pedemonte <i>SIM4Future/Simulationteam</i></p>
<p>14:40</p>	<p>Wargaming for Education & Analysis</p> <p>Georgios Floros <i>Matrix Pro Sims</i></p>	<p>Shaping the Future of Multi-Domain Operations through Digital Technologies</p> <p>Daniela Ghezzi, Agatino Mursia and Pierpaolo Rosin <i>Leonardo</i></p>	<p>SAGA Project: Scenario Automated Generation using AI.</p> <p>Piergiorgio Ventura, Davide Stirparo, Alessia Borghini and Fabio Valerio Ferrari <i>NATO MSCOE</i></p>
<p>15:10 Coffee Break & Exhibition</p>			
<p>15:40</p>	<p>Interoperability Testing with NETN-FOM: Entity Tasking and Observation Reporting</p> <p>Björn Löfstrand, Zeynep Cakir, Sébastien Lozé and Oscar Bergman <i>Bohemia Int. Sim. + Pitch Technologies</i></p>	<p>A Perspective on Reassessing Validation & Verification in AI-Driven Modeling and Simulation</p> <p>Dominic Weller <i>Bundeswehr</i></p>	<p>The Trans Atlantic Large-scale Operational Experimentation Strategy (TALOS)</p> <p>Waldron Nicholas <i>NATO ACT</i></p>
<p>16:10</p>	<p>Procedural Terrain Generation in an Image Generator: Meet Vir3x 9</p> <p>Enrico Gianni <i>Leonardo</i></p>	<p>A Centralised, Sanitised, and Interoperable Simulation Data Repository for Enhanced Multinational CAX and Training Data Management</p> <p>Ioannis Papanikolaou <i>NATO</i></p>	<p>Intelligent Agents in Wargaming Simulations</p> <p>Matthias Sommer, Jonas Fontana and Giacomo Del Rio <i>Armasuisse</i></p>
<p>16:40</p>	<p>Measuring and Verifying Electronic Warfare Mission Data Effectiveness using Synthetics</p> <p>Romolo Gordini, Riccardo Dal Borgo, Miriam Chisari, Alessandro Moro, Matteo Ferfaglia, Alun Riley, Simon Capp, Tony Chandler, Henry Wong and David French <i>Leonardo</i></p>	<p>Continuous modernization of the JTLS-GO wargaming platform</p> <p>Mugur Georgescu, Eric McDonald and Ty Cook <i>Valkyrie Enterprises</i></p>	<p>Shaping the Battlefield: Mathematical Modelling of Cyber Warfare</p> <p>Bernd Weissenberger <i>NATO MSCOE</i></p>
<p>17:10</p>	<p>EDF FEDERATES – Demo 1 Results and Lesson Learned</p> <p>Agatino Mursia <i>Leonardo</i></p>	<p>Enhancing Simulation Through Artificial Intelligence</p> <p>Ross Uhler <i>MAK Technologies</i></p>	<p>Combining Wargaming and M&S to support Operational Research Campaigns</p> <p>Errico De Gaetano and Stefano Izzo <i>NATO SHAPE</i></p>

Day 2 24 September

08:30	<p>Plenary panel: Multi-Domain Exercises in Action Chairperson: LTC Ross, NATO MS COE</p> <p>Speakers: Maj Gen Bogdan Rycerski, JFTC – Commander COL Benjamin Steichen, JWC - Division Head – Exercise production Division COL Steven Banks, HQ SACT - Branch Head - Modelling and Simulations and Learning Technology</p>
09:40	Coffee Break & Exhibition

	Room Orange I Commercial Technology	Room Orange II Interoperability, Standards, Integration and Development in Synthetic Environments	Room Pola III Wargaming, Experimentation and Decision Support in Multi- Domain Operations	Room Meride IV Networking & Workshops
10:10	<p>Enhancing the Deployment of Multidomain Defence Systems through AI-Driven Automation and Integrated Engineering Processes to gain Strategic Advantage</p> <p>Diego Tornese, Maria Giuseppina Motta, Gianluca Toscano, Antonio Zagaria and Antonio Tedone <i>TEORESIS GROUP</i></p>	<p>Fusing Expertise and AI: Delivering Operational Assessment Capabilities to JFC Brunssum</p> <p>Eric Norton <i>Calian</i></p>	<p>Integrating Cognitive Warfare into Multi-Domain Wargaming: The CW-BRAINWARE Approach based on Strategic Engineering</p> <p>Marina Massei, Antonio Giovannetti, Marco Gotelli, Filippo Ghisi, Luca Cirillo and Xhulia Sina <i>SIM4Future, Simulationteam</i></p>	<p>Defence Universities Closed Workshop</p> <p>Bernd Weissenberger, NATO M&S COE</p>
10:40	<p>Closing the Tactical Loop: M&S Systems as Real-Time Decision Support in the CEMA Domain</p> <p>Claudio Santo Malavenda <i>C5I</i></p>	<p>2026 NATO Bi-SC Modelling and Simulation Programme of Work</p> <p>Jan Hodicky and Stefano Izzo <i>NATO ACT</i></p>	<p>Simulating the Narrative Battlespace: Integrating Synthetic Social Media, AI Scenario Generation, and Autonomous Adjudication into Multi-Domain Operations Wargaming</p> <p>Etienne van de Bijl, Daphne van Dulst, Huib Smit and Chihab Amghane <i>Royal NLR</i></p>	<p>Defence Universities Closed Workshop</p> <p>Bernd Weissenberger, NATO M&S COE</p>
11:10	<p>Modeling & Simulation for the Maritime Domain: Real-Time Decision Support and Post-Mission Data Analysis</p> <p>Jacopo Diamanti and Valerio Amodeo <i>GM Spazio</i></p>	<p>NATO's Next Generation Modelling and Simulation Programme</p> <p>Brian Vogt, Bugra Ayyildiz and Amy Grom <i>NATO ACT</i></p>	<p>WideMed: managing a large pol-mil wargame with the support of a digital dashboard</p> <p>Michael Romei de Socio and Andrea Bernardi <i>Università di Torino</i></p>	<p>Defence Universities Closed Workshop</p> <p>Bernd Weissenberger, NATO M&S COE</p>

11:40	<p>SARGE: A helper agent for scenario setup in OPTIMA</p> <p>Francesco Sponchiado and Armando Geller <i>SCENSEI</i></p>	<p>[SENTIENT] Symbiotic Cognitive System</p> <p>Karl Kjelstrup-Johnson, Nigel Crook and Giselle Dudley <i>Oxford Brookes University</i></p>	<p>From Perception to Strategy Framing: Evaluating Disruptive Technologies through Student Wargaming</p> <p>Sara Al-Nabet, Najlaa Alhajri and Noor Alfadhala <i>MDIETC</i></p>	<p>CLOSED WORKSHOP: NCS M&S Education and Training Requirements</p> <p>Jan Hodicky <i>NATO ACT</i></p>
12:10	<p>Architecting and Simulating Multi-Actor Mission Scenarios</p> <p>Massimiliano Campagnoli <i>Mathworks</i></p>	<p>Artificial Intelligence - Military Applications: Warfare and Dual Use Technologies</p> <p>Giovanni Gasbarrone <i>National Association of Italian Army Technical Officers</i></p>	<p>Applying Colonel Blotto Game Theory to Military Logistics in the Context of Strategic Resource Allocation and Critical Infrastructure Resilience</p> <p>Luka Langer, Dominic Weller and Alexander Roman <i>Bundeswehr</i></p>	<p>Defence Universities Closed Workshop</p> <p>Bernd Weissenberger, <i>NATO M&S COE</i></p>
12:45	Lunch Break & Exhibition			
14:15	Cultural Event (optional)			

Day 3 25 September

08:30	<p>Plenary panel: AI/ML for Operational Research / Operational decision making Chairperson: LTC D'Ippolito, NATO MS COE</p> <p>Speakers: Mr Richard Boyd, Tajo AI Mr Paul Ellis, I3Gen Dr Maximilian Moll, UniBW Dr Summer Rebensky, Aptima Inc.</p>
09:40	Coffee Break & Exhibition

	Room Orange I Commercial Technology	Room Orange II Interoperability, Standards, Integration and Development in Synthetic Environments	Room Pola III Wargaming, Experimentation and Decision Support in Multi-Domain Operations	Room Meride IV Networking & Workshops
10:10	<p>Representing a paradigm shift in capability development through synthetic tools for Defence T&E - An Australian Context</p> <p>Anthony Ward <i>Aurizn</i></p>	<p>Insights from the Simulation support to Wargaming Proof of Concept</p> <p>Brian Vogt, Frode Flaateplass and Jan Hodicky <i>NATO.ACT</i></p>	<p>Wargaming the Multi-Domain Warfare Complexity II. Let's Play it!</p> <p>Francesco Marradi <i>Italian Air Force</i></p>	<p>Defence Universities Closed Workshop</p> <p>Bernd Weissenberger, NATO M&S COE</p>
10:40	<p>ECLIPSE: A Modular Electronic Warfare Battlelab for Multi-Domain Training and Experimentation</p> <p>Davide Tulumiero, Alessandro Maraschini, Fabio Di Fazio and Marco Mazzola <i>Electronica S.p.A.</i></p>	<p>Advancing NATO Standards for Federated Simulation: MSG-223 Status Update</p> <p>Björn Löfstrand and Zeynep Cakir <i>Pitch Technologies</i></p>	<p>Strategic Foresight under Uncertainty: Simulating the Collapse and Regeneration of Strategic Postures</p> <p>Asmaa Taib <i>Strategos graduate</i></p>	<p>Defence Universities Closed Workshop</p> <p>Bernd Weissenberger, NATO M&S COE</p>
11:10	<p>Enhancing Military Decision-Making: AI-Driven Operational Plan Optimization through Deep Reinforcement Learning and Combat Simulation</p> <p>Daniel Kallfass and Stefan Goericke <i>Airbus Defence and Space GmbH</i></p>	<p>Fortifying the Front: A Simulation Framework for a Contested European Homeland</p> <p>Thomas Lasch <i>4H4 Management GmbH</i></p>	<p>How LLMs can be used to optimise decision support frameworks in multi-domain warfare</p> <p>Rajveer Sandhu and Samay Chakraborty <i>University of Warwick</i></p>	<p>Defence Universities Closed Workshop</p> <p>Bernd Weissenberger, NATO M&S COE</p>

11:40	DecisionNexus: Predicting Adversary Decisions via Multiplayer Simulation Shlomi Ron, Alex Mintz and Tzach Steiner <i>Decision Advantage AI, Inc.</i>	Train as You Fight: Transforming Land Force Readiness Through Simulation and Operational C4I Systems Gauri Varma Heise and Morten Gregersen <i>Systematic A/S</i>	Baltic Mesh – Lines of Command: An analytical wargame for the German Brigade in Lithuania Max Meltschack, Désirée Hoppe and Dominic Puskaric <i>Bundewehr</i>	Defence Universities Closed Workshop Bernd Weissenberger, NATO M&S COE
12:10	Training for the Fight of Tomorrow: Reimagining IAMD in the Age of Rapid Adaptation in (production) challenging times Mark Pfeiffer <i>IABG</i>	Reinforcement Learning for Graph-Based Course of Action Analysis Hans-Christian Schmitz and Jonathan Cawalla <i>Fraunhofer</i>	Scaling without swelling Antti Nissinen <i>Finnish Defence Forces</i>	Defence Universities Closed Workshop Bernd Weissenberger, NATO M&S COE
12:40	Break			
12:50	Final Plenary			
13:15	Lunch & Greetings			
14:20	Forum Closing			