

Orange Plenary Room

Generating MDO Readiness through a NATO Simulation Ecosystem

08:00	Registration
09:00	Guests Inbound – Orange Room (Plenary)
09:15	Opening & welcome remarks Col De Rosa, M&S Centre of Excellence Director COL George Cushman, Branch Head, Modelling and Simulation and Learning Technologies, SACT BG Marco Giorgi, UGSMI, ITA Army
9:30	Key leader panel: M&S for Multi-Domain Readiness Chairperson: COL George Cushman, Branch Head, Modelling and Simulation and Learning Technologies, SACT Speakers: BGen Zoltan Barany, DCOM JFTC Errico De Gaetano, SHAPE Wargaming and Innovation Col Matthew Goncalves, EUCOM Joint Wargaming and Lessons Learned
10:50	Group picture
11:05	Coffee Break & Exhibition

	Room I - Orange	Room II - Pola	Room III - Spalato
11:40	Training Humans and Machines Across Integrated Synthetic Environments: Data, Interoperability, and Autonomy Readiness Sebastien Loze <i>SHIELD AI</i> Abstract 7 Izzo	Co-Creating a European Training Facility in the NATO Simulation Ecosystem - Integrating Leopard 2A8 in TACTIS at SIMCEN-LAND Marcel Scherrenburg <i>MoD (Netherlands)</i> Abstract 9 Gotelli	A Survivability Assessment Method for Surface-to-Air Missile Threat Evasion Based on Probability-of-Kill Analysis Using a Wargaming Tool Younhyuck Chang, Seungeun Lee, Sewon Kim, Younggun Lee <i>MOASOFT</i> Abstract 6 Valeriani
12:20	Lunch Break & Exhibition		

13:40	EDF FEDERATES - Final Demo and Project Outcome Agatino Mursia, Robert Siegfried <i>LEONARDO, ADITERNA</i> Abstract 31 Brucato	Generating MDO Readiness Across the Human Domain: BEAR, Structural Violence and Non-Kinetic Remedy in the NATO Simulation Ecosystem Tiarnach Mooney <i>BHA Advisors</i> Abstract 20 Novotny	Operationalizing Agentic AI in Trusted Engineering Workflows Massimiliano Campagnoli <i>MATHWORKS</i> Abstract 12 Kistemaker
14:15	DE3 Army Verse: A Persistent LVC Enabled Digital-Twin Ecosystem Beyond the Battlefield Marwane Bahbaz, Paul Butler, Tyler Sullivan and Rick Osborne <i>MITRE</i> Abstract 11 Izzo	AI-Assisted Information Environment Generation for Constructive Exercises, Wargaming, and ROC Drills Kalle Saastamoinen, Antti Nissinen <i>Army (Finland)</i> Abstract 22 Gotelli	Modelling the Human Dimension: Behavioural Simulation for Multi-Domain Readiness Tom Charman <i>Seldon</i> Abstract 78 Kistemaker
14:45	Coffee Break & Exhibition		
15:10	Generating NATO MDO Readiness through an Integrated Analysis, Wargaming, Innovation, Simulation and Experimentation Ecosystem Jan Hodicky <i>ACT</i> Abstract 24 Brucato	Beyond the Simulation Effect: Assessing the Contradictions and Limitations of Wargaming for Warfighting Readiness. Zurab Bezhanishvili <i>International Community for Georgia Development and Progress</i> Abstract 25 Novotny	Bridging the Domains: Elevating NATO Collective Training with RIACE Distributed Mission Training Luca Cistriani <i>Leonardo</i> Abstract 76 Kistemaker
15:45	From Emerging Technology to MDO Readiness: NATO ACT’s BEACON Projects and METIS George Cushman <i>ACT</i> Abstract 29 Izzo	Wargaming the Multi-Domain Warfare Complexity III. Joint Crucible: From Concept to Prototype Francesco Marradi <i>Italian Air Force Reserves</i> Abstract 27 Gotelli	Experimental Digital Twin Environments for NATO-Relevant Multi-Domain Defence Scenarios Diana Deca <i>Metapilot</i> Abstract 21 Valeriani
16:20	NATO Centralized Simulation Repository (CSR)-A Governed Common Dataset Capability for NATO Simulation Systems Ioannis Papanikolaou <i>JFTC</i> Abstract 34 Brucato	Generating MDO Readiness through Stress-Tested Governance Wargaming: NATO STO SAS-219 WinterStorm2030 and the Auracelle Simulation Suite Grace-Alice Evans <i>NATO STO SAS-219</i> Abstract 30 Tropea	What NATO's Future Means for Nations Today Colin Chester <i>STE Antycip</i> Abstract 65 Valeriani
16:55	Interoperating Simulation and Command and Control Systems for Next Generation Targeting Experimentation	NATO Multi-Domain Operations Readiness Ecosystem: Technology Enablers for Decision Superiority	Lowering the Barrier to Advanced Simulation Analysis: Using Python Integration to

	Alberto De Paoli <i>ACT</i> Abstract 63 Barbera	G. W Kent Davis <i>CALIAN</i> Abstract 70 Tropea	Automate JCATS Analytical Runs Weston Benson, George Cushman, Stefano Izzo, Casey Wilson <i>US Army, ACT, SHAPE, LLNL</i> Abstract 39 Kistemaker
17:30	NATO Multi-Domain Operations Readiness Ecosystem: An Operational Commander's Perspective on Future Readiness Requirements Lt-Gen Sir Edward Smyth Osborne <i>CALIAN</i> Abstract 69 Barbera	Delivering Minimum Viable Assurance for Warfighting Readiness through Mission Engineering and Simulation-Based Experimentation: The MATX Discovery Study Kate Gregory <i>Frazer-Nash Consultancy</i> Abstract 41 Novotny	Training for the Drone-Saturated Battlefield: Adaptive Modelling and Simulation for Space-Enabled Multi-Domain Operations Walter David <i>Climate & Security Consulting LLC</i> Abstract 40 Kistemaker