



DAY 1 – Monday 30 SEPT, 2013

NATO CAX FORUM 2013 OPENING SESSION - Welcome

ROOM

Sala MASSALIA I

Chair: LTC Francesco NASCA (NATO M&S COE)

09:00
09:20

Welcome address:

1. Col. Stefano NICOLO' (NATO M&S COE Director)
2. BGen Giuseppe GIMONDO (ITA DGS, C4I Systems & Transformation Department, Deputy Head)

NATO CAX FORUM 2013 OPENING SESSION – Plenary Speeches

ROOM

Sala MASSALIA I

Chair: LTC Francesco NASCA (NATO M&S COE)

Speakers:

09:20
11:00

1. BGen Gunnar GUSTAVSEN, Special Advisor to Commander NATO Joint Warfare Centre: **Computer Assisted Exercise in JWC**
2. MGen Pavel MACKO, Commander NATO Joint Force Training Centre: **The JFTC – A potential gateway for the CFI implementation**
3. Mr. Thomas IRWIN, Deputy Director Joint Environment, US Joint Staff J7: **Joint Force 2020 Training Environment**
4. Mr. Stuart WHITEHEAD, Deputy Director for C2 Integration (DD C2I), US Joint Staff J6: **Moving Forward Together**

ROOM

Open Coffee Area

11:00
11:30

Networking Coffee Break

NATO CAX FORUM 2013 OPENING SESSION – Plenary Speeches

ROOM

Sala MASSALIA I

Chair: LTC Francesco NASCA (NATO M&S COE)

Speakers:

11:30
12:30

5. Mr. Wim HUISKAMP, NMSG Chairman: **M&S in support of Coalition Operations**
6. Prof. Agostino G. BRUZZONE, Simulation Team President and NATO M&S Project Leader at Centre for Maritime Research and Experimentation, Science & Technology Organization : **Simulation as Strategic Technology for Coalition Force Initiative**

12:30
12:35

National Anthem and “Hymn to the Fallen”
By the Fanfare of the “Logistic Command for the Forces of projection” of Italian Army



NATO CAX FORUM 2013 OPENING SESSION - Photo	
ROOM	Swimming pool Area
12:35 12:55	Photo opportunity (Plenary)

ROOM	Restaurant Area
13:00 14:30	Networking Lunch Break

	Session 1	Session 2
ROOM	MASSALIA I	MYLASA
SESSION TITLE	Interoperable simulation	MEL/MIL and M&S Synchronization: A Live Demonstration on a Theater Ballistic Missile Defence Incident
14:30 16:30	<p style="text-align: center;"><i>Chair: LT (N) Alessandro CIGNONI (NATO M&S COE)</i></p> <p style="text-align: center;">Presentations:</p> <ol style="list-style-type: none"> 1. Human Behavior Modeling in Support of CAX (Speaker Dr. John SOKOLOWSKI - VMASC) 2. Human Behavior Modeling Federated for Supporting Training (Speaker Prof. Agostino G. BRUZZONE, ST President and M&S Project Leader at NATO CMRE, S&TO) 3. SIMCJOH - Simulation of Multi Coalition Joint Operations Involving Human Modelling (Speaker LTC Francesco NASCA, NATO M&S COE) 4. Theorem of Hypomochlion (Speaker LTC Laurent TARD, FRA A Staff) 	<p style="text-align: center;"><i>Chair: LTC Stefano GIACOMOZZI (NATO M&S COE)</i></p> <p style="text-align: center;">Presentations:</p> <ol style="list-style-type: none"> 1. (Speaker Prof. Erdal CAYIRCI, JWC) 2. (Speaker, Mr. Ivan VIANELLO, JWC)

NATO CAX FORUM 2013 SOCIAL EVENT	
ROOM	Swimming pool Area
19:30 21:30	Networking Ice-Breaker



DAY 2 – Tuesday 01 OCT, 2013

Session 3		Session 4 a
ROOM MASSALIA I		MYLASA
SESSION TITLE	CAX Scenario, Architecture and Methodology	Connected Forces Initiative
09:00 10:30	<p><i>Chair: LTC Stefano GIACOMOZZI (NATO M&S COE)</i></p> <p>Presentations:</p> <ol style="list-style-type: none"> Contemporary Scenario for CAX (Speaker Dr. Dušan MARINČIČ, Dr DM Ltd) CAXs of degraded operational environments: How a social network infrastructure concept adoption in C2 can make the difference? (Speaker, Prof. Agostino G. BRUZZONE, ST President and M&S Project Leader at NATO CMRE, S&TO) CAX Methodology and Planning (Speaker, Mr. Kostas TSIAKALOS, MSETT) 	<p><i>Chair: Mr. Wayne BUCK (HQ SACT)</i></p> <p>Presentations:</p> <ol style="list-style-type: none"> Supporting NATO's Connected Forces Initiative With Simulation Technology (Speaker Dr Jim BLAKE, US Army Program Executive Officer for Simulation Training & Instrumentation) CFI (Speaker Mr Stuart FURNESS, HQ SACT CFI Coordinator) CFI Technology perspective (Speaker Mr. Wayne BUCK, HQ SACT)

ROOM		Open Coffee Area
11:00 11:30		Networking Coffee Break

Session 5 a		Session 4 b
ROOM MASSALIA I		MYLASA
SESSION TITLE	Special Topics	Maintain a midterm SIM capability for joint training on national and NATO Component level (part 1)
11:00 11:30	<p><i>Chair: LT (N) Alessandro CIGNONI (NATO M&S COE)</i></p> <p>Presentations:</p> <ol style="list-style-type: none"> Role Playing and Strategic Analysis (Speaker Dr. Dušan MARINČIČ – Dr DM Ltd) 	<p><i>Chair: LTC Wolfhard SCHMIDT (NATO JFTC)</i></p> <p>Speakers:</p> <ol style="list-style-type: none"> Mr. William BELUE (LLNL) Col (ret) Robert KEAN (US J7) Mr. Tomasz ROGULA (JFTC) Mr Jacek WELZ (JFTC)
11:30 12:30	<ol style="list-style-type: none"> Budget Based Wargame methodology (Speaker Mrs. Ellen ROLAND – Rolands & Associates) 	
Session 5 b		
SESSION TITLE	M&S as a Service	



NATO CAX FORUM 2013 PROGRAM

12:30 13:30	<p><i>Chair: LTC Francesco NASCA (NATO M&S COE)</i></p> <p>Presentations:</p> <ol style="list-style-type: none">1. M&S as a Service: Perspectives, Expectations, and Challenges (Mr. Robert SIEGFRIED - ADITERNA GmbH)2. M&S as a Service (Prof. Erdal CAYIRCI – NATO JWC)	Discussion with the user community
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ROOM 13:00 14:30	Restaurant Area Networking Lunch Break
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ROOM 14:30 17:00	CAX FORUM 2013 – SOCIAL EVENTS City of ROME – Centrale Montemartini, Via Ostiense Visit to CAPITOLINE MUSEUM – Centrale Montemartini
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DAY 3 – Wednesday 02 OCT, 2013

Session 7 a		Session 8 a
ROOM	MASSALIA I	MYLASA
SESSION TITLE	CAX models	Insight into Simulation & Training Centres
09:00 10:30	<p><i>Chair: LTC Stefano GIACOMOZZI (NATO M&S COE)</i></p> <p>Presentations:</p> <ol style="list-style-type: none"> Joint Theater Level Simulation – JTLS (Speaker Dr. Ellen ROLAND, R&A) Joint Conflict and Tactical Simulation – JCATS (Speaker Mr. William BELUE, Lawrence Livermore National Laboratory) The future VBS (Speaker Mr. Craig TURNER – Bohemia Interactive Simulations) 	<p><i>Chair: Dr. Roland.J. ROLAND, R&A</i></p> <p>Presentations:</p> <ol style="list-style-type: none"> JFTC Training support of the day and of the future (Speaker LTC Wolfhard SCHMIDT, JFTC) Ataturk Wargaming & Conference Centre (Speaker Maj. Murat TEKELI, AWCC) Joint US-NATO Ballistic Missile Defense CAX Architecture (Speaker Maj. DeWitt LATTIMER, European Integrated Air & Missile Defence Center)

ROOM	Open Coffee Area
10:30 11:00	Networking Coffee Break

Session 7 b		Session 8 b
ROOM	MASSALIA I	MYLASA
SESSION TITLE	CAX models	Insight into Simulation & Training Centres
11:00 13:00	<p><i>Chair: LTC Stefano GIACOMOZZI (NATO M&S COE)</i></p> <p>Presentations:</p> <ol style="list-style-type: none"> OneSAF Battalion (Speaker Mr. John LOGSDON, PEO STRI) SWORD (Speaker Mr. Enrico RAUE, MASA) Simulation Centers & Constructive Simulation – (Speaker Mr. Frank BERTLING, CAE) VR Forces (Speaker Mr. Riccardo ROVELLI, Antycip) 	<p><i>Chair: Dr. Roland.J. ROLAND, R&A</i></p> <p>Presentations:</p> <ol style="list-style-type: none"> MSG-128 group on Incremental Implementation of NATO Mission Training through Distributed Simulation Operations (Speaker Dr. Jean-Pierre FAYE, Thales Raytheon Systems) M&S – Romanian perspectives (Speaker LTC Manuel DOGARU, ROU Simulation Training Center) Analysis & Simulation Centre for Air Operations - CASPOA COE (Speaker CWO Ernesto BELLOTTO, CASPOA)

ROOM	Restaurant Area
13:00 14:00	Networking Lunch Break



Session 9 MASSALIA I		Session 10 MYLASA
ROOM	Data for simulation	Training Process
SESSION TITLE	<p><i>Chair: LTC Jan HODICKY (NATO M&S COE)</i> Presentations:</p> <ol style="list-style-type: none"> JTLS / GESI Federation (Dr. Ellen ROLAND, R&A/ David NADEAU - Frank BERTLING - CAE) MSG-106 Group on Enhanced CAX architecture, design and methodology (Speaker LTC Laurent TARD, FRA A Staff) M&S Interoperability experiments between SimWare and M&S COE laboratories (Speaker Mr. Jose MARTINEZ, NADS) 	<p><i>Chair: LTC Stefano GIACOMOZZI (NATO M&S COE)</i> Presentations:</p> <ol style="list-style-type: none"> Optimizing the CAX learning environment (Dr. Staffan NÄHLINDER, Swedish Defence Research Agency - FOI) Immersive Technology Supporting Individual and Collective Training (Capt. Paolo TROTTA, ITA Army Aviation Test Centre) An approach for assessing a Brigade HQ during a CAX (Dr. Peter BERGGREN, Swedish Defence Research Agency - FOI)
14:00 15:30		

ROOM	Open Coffee Area
15:30 16:00	Networking Coffee Break

Session 11 MASSALIA I		Session 12 MASSALIA II	Session 4 c MYLASA
ROOM	CAX Support Tools	Methodology for executing a CAX - Demo	Maintain a midterm SIM capability for joint training on national and NATO Component level (Part 2)
SESSION TITLE	<p><i>Chair: LTC Jan HODICKY (NATO M&S COE)</i> Presentations:</p> <ol style="list-style-type: none"> Exercise Control Information Services (Speaker Mr. Jacek WELZ, JFTC/ Mr. Vladimir MANDA, NCIA) JTLS Order of Battle Editor (Speaker - Mr. Ivan VIANELLO, JWC) Bringing operational readiness through developing CAX methods and tools (Speaker - Mr. Ulf JINNESTRAND, 4C Strategies) 	<p><i>Chair: LTC Stefano GIACOMOZZI (NATO M&S COE)</i> Presentation:</p> <ol style="list-style-type: none"> CAX Methodology - Training Audience Evaluation Method (Speaker, Mr. Kostas TSIKALOS, MSETT) CAX Methodology - Training System and e - Training (Speaker Ms. Lida ZARKADA, MSETT) CAX Execution with Marcus and Kronos simulation models (Speaker Mr. Kostas TSIKALOS - Ms. Lida ZARKADA, MSETT/ Mr. Laszlo HORVATH, Artifex) 	<p><i>Chair: LTC Wolfhard Schmidt (NATO JFTC)</i> Speakers:</p> <ol style="list-style-type: none"> Mr. William BELUE (LLNL) Col (ret) Robert KEAN (US J7) Mr. Tomasz ROGULA (JFTC) <p>Further discussion with the user community (follow-on from session 4a & b)</p>
16:00 17:30			

ROOM	MASSALIA I
17:30 18:30	Skills enhancement based on the training – Live Experience: Prof. Agostino G. BRUZZONE, ST President and NATO STO CMRE M&S Project Leader



DAY 4 – Thursday 03 OCT, 2013

WORKSHOP 1 MASSALIA I		WORKSHOP 2 MYLASA
ROOM		
SESSION TITLE	M&S in support of operations	Environmental Data for Simulation
09:00 10:30	<p><i>Chair: Mr. Nico de REUS, TNO</i> Presentations:</p> <ol style="list-style-type: none"> Operational view on M&S and C2 (Speaker Maj M.C. HULLEMAN, NLD MOD) Technical aspects of C2 – simulation interoperability (Speaker Mr. Nico de REUS, TNO) UCOP (Unified Common operational Picture) from operational Theatre to Exercise environment (Speaker Mr. Ivan VIANELLO, JWC) 	<p><i>Chair: LTC Jan HODICKY (NATO M&S COE)</i> Presentations:</p> <ol style="list-style-type: none"> Nature and Challenges of Environmental Data (Speaker Mr. Jean-Luis GOUGEAT, SOGITEC/ Mr. Frido KUIJPER, TNO) Source data & Generation process (Speaker Mr. Jean-Luis GOUGEAT, SOGITEC) Environmental Data Standardization (Speaker Mr. Jean-Luis GOUGEAT, SOGITEC, Mr. Frido KUIJPER, TNO)

MSG-128 MASSALIA II
Incremental Implementation of NATO Mission Training through Distributed Simulation Operations
<i>Chair: Dr. Jean-Pierre FAYE, TRS</i>
<ul style="list-style-type: none"> - Welcome - Introduction - Background information <ul style="list-style-type: none"> - NIAG study recommendations on MTDS (NIAG 162) - NATO JCG C2 initiative on MTDS and next Workshop
<u>MSG-128 MEMBERS ONLY</u>

ROOM	Open Coffee Area
10:30 11:00	Networking Coffee Break

WORKSHOP 1 MASSALIA I		WORKSHOP 2 MYLASA
ROOM		
11:00 12:00	<ol style="list-style-type: none"> C2 and Simulation Systems Interoperability in the GAF: Lessons Learnt (Speaker Dr. Rachid KHAYARI, IABG) Discussion (Mr. Nico de REUS - Col (ret) Nanne LE GRAND, TNO) 	<ol style="list-style-type: none"> Environmental Data Technical aspects (Speaker Mr. Frido KUIJPER, TNO) Discussion (Mr. Frido KUIJPER, TNO/ Mr. Jean-Luis GOUGEAT, SOGITECH/ LTC Jan HODICKY, M&S COE)

MSG-128 MASSALIA II
- Individual National / NATO Organization presentations (15' each) <ul style="list-style-type: none"> - Vision - Objectives - Road Map (if any) - Experience
<u>MSG-128 MEMBERS ONLY</u>

NATO CAX FORUM 2013 – CLOSING SESSION	
ROOM	MASSALIA I
12:00 13:00	Closing Session (Declaration of NATO CAX Forum 2014 location)



ROOM	Restaurant Area
13:00 14:00	Networking Lunch Break

ROOM	JTLS Configuration Control Board MYLASA
14:00 17:30	<p style="text-align: center;"><i>Chair: Prof. Erdal CAYIRCI, JWC</i></p> <ol style="list-style-type: none"> 1. The latest developments (Why do we need a NATO JTLS CCB? What are the objectives? What are the mid term concerns?), JWC 2. R&A perspective on the midterm future of JTLS and its relation to the latest technology trends and NATO/national approaches to M&S, R&A 3. Open discussions by NATO and the national centers on NATO JTLS CCB Process, All 4. Validation of NATO software modification requirements (SMR), All 5. Way ahead and future actions, All <p style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;">JTLS CCB MEMBERS ONLY</p>

MSG-128 MASSALIA II
<i>Chair: Dr. Jean-Pierre FAYE, TRS</i>
<ul style="list-style-type: none"> - Individual National / NATO Organization presentations (Continue) - Program of Work - End of the day <p style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;">MSG-128 MEMBERS ONLY</p>

Friday 04 OCT, 2013

ROOM	-
09:00 12:30	

MSG-128 MYLASA
<i>Chair: Dr. Jean-Pierre FAYE, TRS</i>
<ul style="list-style-type: none"> - Program of Work (Continue) - Action Plan and minutes of the meeting - Wrap-up <p style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;">MSG-128 MEMBERS ONLY</p>

	XXXXX		XXXXX
NATO CAX Forum	1,2,3, ecc	NATO CAX Forum NATO-led session	1,2,3, ecc
In conjunction with NATO CAX Forum	XXXXX		
	1,2,3,ecc		