



DAY 1 Tuesday 16 SEP, 2014

NATO CAX FORUM 2014 OPENING SESSION - Welcome

LOCATION		Conference Hall
09:30 10:00	Admin Introductory briefing/ Turkish War Colleges Video Presentation	
	Chair: LTC John FERRELL (NATO M&S COE)	
10:00 10:30	Welcome address: 1. Col. Yücel ÖZEL (AWCC Commander) 2. Col. Stefano NICOLO' (NATO M&S COE Director) 3. Prof. Agostino G. BRUZZONE, (WAMS Chairman)	

MSG-117
Exploiting M&S to Support Cyber Defence
MSG-117 MEMBERS ONLY

NATO CAX FORUM 2014 OPENING SESSION - Plenary Speeches

LOCATION		Conference Hall
10:30 11:00	Chair: LTC John FERRELL (NATO M&S COE)	
	Speakers: MGen Karl ENGELBREKTSON, Co-Chairman NATO Advisory CFI Task Force: CFI: Identifying ways to enhance Interoperability amongst the Forces of Members and Partners	

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Open Coffee Area

LOCATION		Open Coffee Area
11:00 11:30	METEKSAN Networking Coffee Break	

NATO CAX FORUM 2014 OPENING SESSION - Plenary Speeches

LOCATION		Conference Hall
	Chair: LTC John FERRELL (NATO M&S COE)	
11:30 12:30	Speakers: 1. BGen László SZABÓ, Deputy Commander NATO Joint Force Training Centre: Value of Modelling and Simulation in Below Joint Operational Level Training and Exercise 2. Prof. Ali Riza KAYLAN, Bogazici University: M&S for training	

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NATO CAX FORUM 2014 OPENING SESSION - Photo

LOCATION		AWCC Main Gate
12:40 13:00	Photo opportunity (Plenary)	

Restaurant Area

LOCATION		Restaurant Area
13:00	Networking Lunch Break	



14:30

Live Demo 1		Tutorial 1		WAMS	MSG-117	
Seminar Room 1		Seminar Room 2				
LOCATION	AWCC Tour & Live Demo		C2 - Simulation Interoperability		Workshop on Applied M&S	Exploiting M&S to Support Cyber Defence
SESSION					Session Tuesday 1 Simulation in Processes, Operations and Logistics	MSG-117 MEMBERS ONLY
14:30 16:30	Joint CAX Support: Future Tool and concepts - Joint Demo by JWC & AWCC (Prof. Erdal CAYIRCI, JWC/ AWCC)		<i>Chair: LTC Jan HODICKY (NATO M&S COE)</i> (Speaker Mr. Kevin GALVIN, Thales/ Dr. Mark PULLEN, Director C4I Center, George Mason University)			

Open Coffee Area

16:30
17:00

METEKSAN Networking Coffee Break

NATO CAX Forum – WAMS Joint Session

Conference Hall	
17:00 18:30	Chair, Prof. Agostino G. BRUZZONE (Simulation Team President, DIME University of Genoa and M&S Project Leader at NATO STO CMRE) 1. Searching for men overboard with partial and no drift information (Dr. Mumtaz KARATAS/ Dr. Ilker AKGUN, Turkish Naval Academy) 2. MS2G Simulation as a Service for data mining crowdsourcing in vulnerability reduction (Prof. Agostino G. BRUZZONE/ Dr. Alberto TREMORI/ Dr. Francesco LONGO/ Dr. Letizia NICOLETTI/ Dr. Simonluca POGGI/ Dr. Christian BARTOLUCCI/ Dr. Edoardo PICCO/ Dr. Guglielmo POGGIO, DIME Genoa University, NATO STO CMRE, Simulation Team) 3. Computational simulations of smart aircraft-wing-load-control systems based on innovative fluidic devices (Dr. Wienczynslaw STALEWSKI, Dr. Janusz SZNAJDER, Institute of Aviation Warsaw)

NATO CAX FORUM 2014 SOCIAL EVENT

AWCC Main Hall

18:30
20:30

HAVELSAN Networking Ice-Breaker
Musical interlude by Military Band



DAY 2 Wednesday 17 SEP, 2014

Connected Forces Initiative (CFI) introduction

LOCATION		Conference Hall	
SESSION	<ol style="list-style-type: none"> 1. Welcome to Connected Forces Initiative Sessions (Speaker, Mr Wayne BUCK, HQ SACT) 2. Implementation plan program (Speaker, Mr. Angel SAN JOSE, HQ SACT) 		
09:30 10:00			
Session 1		Session 2	
LOCATION		Seminar Room 1	
SESSION	CAX Technology enablers		Serious Games for E&T
10:00 11:00	<p><i>Chair: Mr. Angel SAN JOSE (HQ SACT)</i></p> <ol style="list-style-type: none"> 1. Data Farming (Speaker Mr. Stephan SEICHTER) 2. US National Contribution to CFI and Alliance Readiness - technology enabling the heightened readiness environment of today and tomorrow (Speaker, Mr. Tom Irwin (US J7)) 		<p><i>Chair: Mr. Wayne BUCK (HQ SACT)</i></p> <ol style="list-style-type: none"> 1. NATO Serious Games: Past, Present, Future (Mr. Wayne BUCK, HQ SACT) 2. NATO Serious Games: Putting Them to Use in Education and Training (Mr. Paul THURKETTLE, HQ SACT) 3. Distributed Serious Games Elements Related to Defence Against Terrorism (Prof. Agostino G. BRUZZONE, M&S Project Leader at NATO CMRE)

WAMS	MSG-117
Workshop on Applied M&S	Exploiting M&S to Support Cyber Defence
Session Wednesday 1	MSG-117 MEMBERS ONLY
WAMS	MSG-117
Workshop on Applied M&S	Exploiting M&S to Support Cyber Defence
<i>Simulation Techniques</i>	MSG-117 MEMBERS ONLY

LOCATION		Open Coffee Area
11:00 11:30	METEKSAN Networking Coffee Break	

Session 3		Session 4	
LOCATION		Seminar Room 1	
SESSION	Training in the Alliance: Collaboration Between Nations and NATO Bodies		Future CAX
11:30 13:00	<p><i>Chair: Mr. Angel SAN JOSE (HQ SACT)</i></p> <ol style="list-style-type: none"> 1. Connecting NATO and National Training Capabilities (Mr. Angel SAN JOSE, HQ SACT) 2. JFTC CFI implementation on the below operational level + Live Demo (LtC Wolfhard SCHMIDT, Gultekin ARABACI, Stefano IZZO, JFTC) 3. TS3, Collaboration on setting Scenario and Simulation (Mr. Phil DRAPER, JWC) 		<p><i>Chair: Mr. Wayne BUCK (HQ SACT)</i></p> <ol style="list-style-type: none"> 1. CORESIM (LTC Wade MYERS, HQ SACT) 2. Adapting NATO to a Modern Education and Training Approach (Speaker Mr. Paul THURKETTLE, HQ SACT) 3. M&S as a Service: A Multi-National Perspective (Speaker Mr. Robert SIEGFRIED, Aditerna GmbH)

WAMS	MSG-117
Workshop on Applied M&S	Exploiting M&S to Support Cyber Defence
Session Wednesday 1	MSG-117 MEMBERS ONLY
<i>Simulation in Industry</i>	
<i>Tutorial Models for Cloud Risk Assessment</i>	



LOCATION	Restaurant Area
13:00 14:30	Networking Lunch Break
	CAX FORUM 2014 – SOCIAL EVENTS
	ISTANBUL
14:30 20:00	Visit to Historical peninsula



DAY 3 – Thursday 18 SEP, 2014

Plenary Speech		MSG-117
LOCATION		Conference Hall
09:00 09:30	<p><i>Chair:</i> LTC John FERRELL (NATO M&S COE)</p> <p><i>Speaker:</i> MGen Mels de ZEEUW, HQ SACT ACOS C2 Deployability & Sustainability: Future Mission Network</p>	Exploiting M&S to Support Cyber Defence MSG-117 MEMBERS ONLY

Session 5a		Session 6a	MSG-117
LOCATION		Seminar Room 1	
SESSION		CAX Models	
09:30 11:00	<p><i>Chair:</i> LTC Stefano GIACOMOZZI (NATO M&S COE)</p> <ol style="list-style-type: none"> JTLS 5.0 Status And Future (Mrs Ellen ROLAND, R&A) JCATS Update (Mr. Will BELUE / Mr. Mark PISCOTTY, LLNL) Smarter Modeling and Simulation (Mr. Enrico RAUE, MASA) 	<p><i>Chair:</i> LTC John FERRELL (NATO M&S COE)</p> <ol style="list-style-type: none"> GAF Simulation Control Centre (LtC Oliver SCHMIDT, GAF Simulation Control Centre Chief) JWC's Contribution to NATO Training and Exercise – Status Update (Mr. Phil DRAPER, JWC) JFTC's Contribution to NATO Training and Exercise – Status Update (LtC Wolfhard SCHMIDT, JFTC) Connected Training Initiative (LTC Craig VIETH, JMSC) 	Exploiting M&S to Support Cyber Defence MSG-117 MEMBERS ONLY

LOCATION		Open Coffee Area
11:10 11:30	METEKSAN Networking Coffee Break	

Session 5b		Session 6b	MSG-117
LOCATION		Seminar Room 1	
SESSION		CAX Models	
11:30 13:00	<p><i>Chair:</i> LTC Stefano GIACOMOZZI (NATO M&S COE)</p> <ol style="list-style-type: none"> SAETA Overview (Luis GONZÁLEZ DE LENA, Cassidian) VBS3 – The Future of Simulation and Beyond (Mr. Craig TURNER, Bohemia Interactive Simulations) Naval Wargame Simulation System (Mr. Hürkan Orkun ZORBA, Meteksan) 	<p><i>Chair:</i> LTC John FERRELL (NATO M&S COE)</p> <ol style="list-style-type: none"> BGR National Military Training Complex “Charalitza” (Col. Miroslav MARINOV, NMTC Chief) PL- Simulation Systems Branch (Col. Piotr WANIEK,) Additional capabilities of the HUN CAX MARCUS/MARS and KRONOSZ simulation systems. (Maj. Zalan CZIEGLER, HUN Defence Forces Combat Training Center) 	Exploiting M&S to Support Cyber Defence MSG-117 MEMBERS ONLY



		4. CSFEE (LTC Lesage/ Maj Despres, CSFEE)	
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LOCATION		Restaurant Area	
13:00		METEKSAN Networking Coffee Break	
14:30			

Session 7		Session 8		MSG-117	
LOCATION		Seminar Room 1		Seminar Room 2	
SESSION	CAX Scenario, Architecture and Methodology		CAX Support, analysis and planning		Exploiting M&S to Support Cyber Defence
14:30	<i>Chair: LTC Stefano GIACOMOZZI (NATO M&S COE)</i> 1. Towards a Guideline for Scenario Development (Mr. Robert SIEGFRIED, Aditerna GmbH) 2. NATO Education and Training Network - Federation Architecture and FOM Design (NETN FAFD v2.0) (Mr. Björn LÖFSTRAND, Pitch) 3. CAX as a Tool for Training the Civilians - NGO's Perspective. (Mr. Nikolay TOMOV, Chairman, Bulgarian Modeling and Simulation Association) 4. Exercise Viking 14 (LTC Carl-Fredrik KLEMAN, Swedish Armed Forces, Joint Training Centre)		<i>Chair: LTC Jan HODICKY (NATO M&S COE)</i> 1. EXCON Information Services (EXIS): The New Deconfliction Matrix as a Tool for More Efficiency (Mr. Jacek WELZ, JFTC /Mr. Aad HENDRIKS, NCIA) 2. An Application of 3D Simulation Model on CAX (Dr. Dusan MARINIC,) 3. Knowledge-Based Simulation Systems for Analysis of Crisis and Conflict Situations. (Prof. Andrzej NAJGEBAUER, POL Military University of Technology) 4. Operational Planning and LL Optimizing (Panagiotis KOSTOPOULOS, MSETT)		MSG-117 MEMBERS ONLY
16:30					

LOCATION		Open Coffee Area	
16:30		METEKSAN Networking Coffee Break	
17:00			

Session 9a		Live Demo 2			
LOCATION		Seminar Room 1		Seminar Room 2	
SESSION	Exercise, Training & Interoperability		Chair: LTC Jan HODICKY (NATO M&S COE)		Serious Games in Training (Mr. Paul THURKETTLE, HQ SACT)
17:00	<i>Chair: LTC Stefano GIACOMOZZI (NATO M&S COE)</i> 1. LVC Simulation in Advanced Training (Ms. Katia FABBRI, VITROCISSET) 2. Integration Test Bed as leverage for the Armed Force innovation. (Mr. Giovanni LAURORA, Selex ES) 3. Simulation Models & C2 Systems (Mr. Konstantinos TSIKALOS, MSETT/Mr. Laszlo Horvath, ARTIFEX) 4. HTZ warfare - the most comprehensive radio planning solution for electronic warfare and tactical communications (Mr. Rubén PERDIZ LÓPEZ, ATDI)				
18:50					



DAY 4 – Friday 19 SEP, 2014

Tutorial 2		Session 10		MSG-117	
LOCATION		Seminar Room 1		Seminar Room 2	
SESSION	NATO CAX Process		M&S tools & services		Exploiting M&S to Support Cyber Defence
09:30 11:00	<p><i>Chair: LTC Jan HODICKY (NATO M&S COE)</i> (Speaker Prof. Erdal CAYIRCI, NATO JWC) (Speaker Mr. Phil DRAPER, NATO JWC) (Speaker Mr. Andy WNUK, NATO JWC)</p>		<p><i>Chair: LTC Stefano GIACOMOZZI (NATO M&S COE)</i> 1. Defense M&S Catalog (Hart RUTHERFORD, SimVentions Inc.) 2. The Utility of COTS Solutions to meet contemporary Capability Development, Readiness Tracking and Training Assurance requirements (Mr. David PATERSON, 4cStrategies)</p>		MSG-117 MEMBERS ONLY
LOCATION					
11:00 11:30		Open Coffee Area METEKSAN Networking Coffee Break			
Session 9b		Session 11		MSG-117	
LOCATION		Seminar Room 1		Seminar Room 2	
SESSION	Exercise, Training & Interoperability		M&S interdisciplinary use		Exploiting M&S to Support Cyber Defence
11:30 13:00	<p><i>LTC Stefano GIACOMOZZI (NATO M&S COE)</i> 1. Virtual Magic (Maj Alex MACLEAN, NAEWF) 2. When History Becomes a Training Tool (Ms. Lida Zarkada, MSETT) 3. Use and advantage of joint and distributed C2 and simulations system networks for training. (Mr. Yorck LOSKA, IABG)</p>		<p><i>Chair: LTC Jan HODICKY (NATO M&S COE)</i> 1. CAX for Cyber Defense and Healthcare Operations (Konstantinos TSIKALOS, MSETT) 2. Cyber Security Simulation Environment (Dr. Agatino MURSIA, Selex ES) 3. NATO MSG-117 - Modelling and Simulation in Support of Cyber Defence (Mrs. Stella Croom-Johnson, MSG-117 Chairperson)</p>		MSG-117 MEMBERS ONLY



NATO CAX FORUM 2014 – CLOSING SESSION

LOCATION	
13:00	Closing Session (Declaration of NATO CAX Forum location)
13:30	

JTLS Operational Authority Board	
LOCATION	
13:45 16:00	<p style="text-align: right;"><i>Chair: Prof. Erdal CAYIRCI, JWC</i></p> <ol style="list-style-type: none"> 1. Welcome/ Introduction JWC 2. JTLS Update, R&A 3. Actions taken since the last NATO JTLS CCB Process, JWC 4. Validation of new software modification requirements (SMR), All 5. Way ahead and future actions, All <p style="color: red; font-weight: bold; text-decoration: underline;">JTLS CCB MEMBERS ONLY</p>

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