



10TH ANNUAL
OPERATIONS RESEARCH AND ANALYSIS CONFERENCE
NORFOLK, VA, UNITED STATES – 17-18 OCTOBER 2016
 HOW DOES ANALYSIS HELP THE ALLIANCE THINK DIFFERENTLY?



Agenda

Day 1 – Monday 17 October							
8:00	Bus pick up						
8:30	Registration						
Plenary Session							
9:00	Introduction to OR&A Conference – Mr Han de Nijs, OA Branch Head, SACT						
9:10	Welcome Address - Air Marshal Graham Stacey CB MBE MA BSc CCMI, SACT Chief of Staff						
9:20	Welcome Address - Dr. Thomas Killion, NATO Chief Scientist						
9:30	Opening Key Note - OR&A in NATO, Dr Robert Dell, Naval Postgraduate School						
10:10	Picture and Coffee Break						
10:40	Operational assessment in a coalition context: drawing conclusions from small data - Mr Raman Pall (CAN)						
	Strand 1: Data – Mission Oriented?			Strand 2: Innovation in OR&A			Workshop
11:10	Dr Uwe Dompke	Operations Assessment and OR&A- An Enabler for Mission Success	DEU	LTC Giovanni Sembenini	OR&A support to technology innovation programs choices and developments in the light of new challenges	ITA	PiX – The Protected Internet exchange with Mrs Andrea Castle (USA)
11:40	Mr John Redmayne	Protection of civilians- How ISAF Reduced Civilian Casualties	JALLC	Dr Andrew Collins	Why are all the softies in Europe? A discussion of the lack of penetration of soft OR in the US	GBR	
12:10	Discussion			Discussion			

12:30	Lunch						
	Strand 1: OR&A in Force and Defence Planning			Strand 2: Innovation in OR&A			Workshop
13:30	Mr Glenn Richards	Exploitation of NATO Defence Planning Process(NDPP) Products throughout NATO	NCIA	Dr Altan Ozkil	Serious game for small unit Counter Improvised Explosive Devices (IED) awareness training	TUR	Climate change posing strategic and security risks with Dr Veeravalli and Ms Fetzek (USA)
14:00	Mr Cory Culver	A campaign level simulation database for a European theater conflict	USA	Dr Gitanjali Adlakha-Hutcheon	The MAD way	CAN	
14:30	Discussion			Discussion			
14:50	Coffee Break						
	Strand 1: Preparedness and readiness			Strand 2: Optimization			Workshop
15:20	Mr Mark Clemente	Russian Challenges and Opportunities in the Arctic	USA	Dr Robert Dell	Daily Aircraft Routing for Amphibious Ready Groups	USA	Capability Based Planning Pragmatism Vs Idealism with Ms. Sylvie Martel (NCIA) and Simon Purton (ACT)
15:50	Mr Dragos Calitoiu	Propensity Model for Voluntary or Medical Military Attrition- Logistic regression for retention strategies	CAN	Dr Ana Isabel Barros	ISR Security Planning	NLD	
16:20	Discussion			Discussion			
	Plenary						
16:40	Day One Closing Address – Coordination, Cooperation and Community in NATO Operations Research and Analysis – Mr. Han de Nijs, ACT						
17:10	Bus Departure						

Day 2 – Tuesday 18 October						
8:00	Bus pick up					
Plenary Session						
8:30	Admin Remarks					
8:40	Day Two Key Note - Exploring the Strategic Boundaries of OR/OA – Mr Stephan De Spiegerlei, The Hague Centre for Strategies Studies, NLD					
9:20	Plenary Presentation - Exploring Asymmetric Defence Strategies - Dr Sigurd Glarum, Norwegian Defence Research Establishment (FFI), NOR					
10:00	Coffee Break					
	Strand 1: OR&A for future capabilities			Strand 2: Techniques in OR&A		
10:30	Mr Matthew MacLeod	Autonomous technologies in maritime security operations	CMRE	LTC Shawnette Rochelle	Harnessing the Power of Data Visualization to Detect Cyber Threats	USA
11:00	Dr Van Fong	Synchronization- a means to maximize availability of Canada's future fleet	CAN	LCDR Matthew Powers	Factor Analysis And Correspondence Analysis Composite Scores of likert Scale Survey data	USA
11:30	Mr Guido Veldhuis	HOLON- Operational Effectiveness modelling and analyses for early ship designs	NLD	2LT Stefan Fleischmann 2LT Timo Löffler	Virtual Battlespace 3: Scenario Analyzing Capability and Decision Support based on Data Farming	DEU
12:00	Discussion			Discussion		
12:30	Lunch					
	Strand 1: Analysis for strategies			Strand 2: Cost Analysis		
13:30	Mrs. Elizabeth K. Bowman, Ph.D.	Content-Based Multimedia Analytics: Rethinking the Speed and Accuracy of Information Retrieval for Threat Detection	USA	Mr Marcel Smit	Methods to support decision making for Joint Fires	NLD

14:00	Mr Clovis Autin	Social Network Analysis techniques as an investigative solution for Law Enforcement Agencies to combat Terrorism and Illegal Immigration	JALLC	Mrs. Samantha Alpert	Multi System mission Analysis and cost/performance optimization in a constrained environment	USA
14:30	Discussion			Discussion		
15:00	Coffee Break					
	Plenary					
15:30	End Conference Address – Epistemological and Computational Constraints of Simulation Support, Dr Andreas Tolk, MITRE Corporation					
16:10	Closing Remarks – BGEN Henrik Sommer, DA Army, ACOS Capability Engineering and Innovation					
17:00	Bus Departure					