
		<div>DRAFT PROGRAMME</div> <div>MSG-159 Symposium on</div> <div>“Multinational Interoperability: Agility for Military Training and Operational Applications, Innovation in Enterprise Level Consortiums and M&amp;S Technology Development”</div>		
Thursday, 11 October 2018				
08:00		REGISTRATION		
08:30		INTRODUCTION by Conference Committee Co-Chairs Wim HUISKAMP, Chief Scientist M&S (TNO, The Netherlands) and Dr Kurtis SIMPSON, Centre Director, DGSTCO, Ottawa Research Centre (DRDC-RDDC, Canada)		
	KN1	National Presentation: Dr Eric FOURNIER, Director General Strategic Decision Support, Defence Research Development Canada, (DRDC-RDDC, Canada)		
	IP1	Invited Presentation: Dr Charles TURNITSA (Columbus State University, USA), TER		
Session 1 – M&S TO SUPPORT OPERATIONS				
Chair – Wim HUISKAMP (TNO, The Netherlands)				
	1	Observations on the use of Modelling and Simulation for Advanced Planning in NATO Dr Alberto TREMORI (CMRE-NATO, ITA)		
	2	Opportunities for expanding shipboard- helicopter operational envelopes using M&S Dr Alanna WALL (NRC-CNRC, CAN)		
		COFFEE BREAK & POSTER SESSIONS		
	3	Neuro-Symbolic Modelling for Operational Decision Support Dr Jeroen VOOGD (TNO, NLD)		
	4	Rapid City Planner: A Modelling and Simulation Capability for Real-World Mass Destruction Events Dr Robert RIPLEY (Martek Ltd , CAN)		
		LUNCH		
Session 2 – AI & BEHAVIOUR MODELLING				
Chair – Dr Kurt SIMPSON (DRDC-RDDC, Canada)				
	5	Supporting Technology Enabled Learning for Naval Combat Information Operators with Artificial Intelligence and Cognitive Modelling. Dr Bruno EMOND (NRC-CNRC, CAN)		
	6	A Reference Architecture for Human Behaviour Representations Dr Thomas ALEXANDER (Fraunhofer FKIE, DEU)		
	7	Easy to Use web-based Graphical User Interface for Controlling Entities in Constructive Simulations Per-Idar EVENSEN (FFI, NOR)		
		COFFEE BREAK & POSTER SESSIONS		
Session 3 – AR & EMERGING TECHNOLOGIES				
Chair - Lionel KHIMECHE (DGA, France)				
	8	Holographic Displays: Emerging Technologies and Use Cases in Defense Applications Dr Mathew HAMILTON (Avalon Holographics, CAN)		
	9	US Augmented Reality Evaluation John GRAYBEAL (Kinex, USA)		
	10	An Update from the Exploration of Next Generation Technology Application to Modelling and Simulation Standing Study Group Chris McGROARTY (RDECOM, USA)		
		CLOSING REMARKS on first day by Conference Committee Co-Chairs Wim HUISKAMP (TNO, Netherlands) and Kurtis SIMPSON (DRDC-RDDC, Canada)		

<b>Friday, 12 October 2018</b>		
<b>08:00</b>		<b>REGISTRATION</b>
<b>08:30</b>	<b>KN2</b>	<b>National Presentation:</b> Mr Dale REDING, Director General S&T Airforce and Navy. Defence Research Development Canada (DRDC-RDDC, Canada)
<b>09:00</b>	<b>YSA</b>	<b>NMSG Young Scientist Award Presentation</b> Title TBD, Dr Peter HAMMAR (FOI, SWE)
<b>Session 4-I – ARCHITECTURES &amp; INTEROPERABILITY</b>		
<b>Chair – Dr Martin ROTHER (IABG, Germany)</b>		
	<b>IP2</b>	<b>Invited Presentation:</b> Moving Towards Internal and External M&S Distributed Simulation Interoperability – the UK Approach Grant BAILEY (UK MoD, GBR)
	<b>11</b>	Naval Platform Simulation using the NATO Virtual Ships Standard Dr Kevin McTAGGART (DRDC-RDDC, CAN)
		COFFEE BREAK
	<b>12</b>	STANREC 4800 – AMSP-04 – NATO Education and Training Network Federation Agreement and FOM Design Björn LOFSTRAND (Pitch Technologies, SWE)
	<b>13</b>	C2SIM in CWIX: Distributed Development and Testing for Multinational Interoperability Dr J Mark PULLEN (George Mason University, USA)
<b>Session 4-II – ARCHITECTURES &amp; INTEROPERABILITY</b>		
<b>Chair – Robert SIEGFRIED (Aditerna GmbH, Germany)</b>		
	<b>14</b>	Implementing a Service oriented simulation system using Docker Martin Leira ASPRUSTEN (FFI, NOR)
		LUNCH
	<b>15</b>	'Mind the Gap' - Avoiding Pitfalls in taking the MSaaS Concept from Research into Everyday Use Simon SKINNER (Thales UK, GBR)
	<b>16</b>	Distributed Simulation for Training: Promises and Barriers Dr Jerzy JARMASZ (DRDC-RDDC, CAN)
	<b>17</b>	Towards a Valuation Methodology for LVC Simulations Dr Manfred ROZA (Netherlands Aerospace Centre NLR, NLD)
		COFFEE BREAK
<b>Session 5 – SENSOR SIMULATION</b>		
<b>Chair – Niels KRARUP-HANSEN (DALO, Denmark)</b>		
	<b>18</b>	SigMa Lab – A Signature Management System Simulator Layton GILROY (DRDC-RDDC, CAN)
	<b>19</b>	Electro-Optical Sensors Performances Estimation/Study Using Synthetic 3D Environments Guillaume GAGNE (DRDC-RDDC, CAN)
		SUMMARY REMARKS by Conference Technical Evaluator Dr Charles TURNITSA (Columbus State University, USA)
		CLOSING REMARKS by Conference Committee Co-Chairs Wim HUIKAMP (TNO, Netherlands) and Dr Kurtis SIMPSON (DRDC-RDDC, Canada)