

## Programme

### Thursday 16 September 2010

08:30		Registration
09:00		Introduction from Conference Committee Chairman Dr Juan RUIZ, Cdr, ESP Navy, Head MSCO, NATO/RTA
09:10		Administrative Announcements
09:15	KN1	Host Nation Keynote Speaker Brig VLEUGELS, Commander, Dutch Army Training Command, NLD
09:45	KN2	Invited Keynote Speaker Dr James BLAKE SES, Program Executive Officer, U.S. Army, Program Executive Office for Simulation, Training and Instrumentation, USA
10:15		COFFEE BREAK

#### INVITED PAPER

10:45	1	MSG-058 Final Report: Conceptual Modelling M. CERNAT, Military Equipment and Technologies Research Agency (ROM)
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#### Session 1 - IMPROVED TRAINING - THE LVC SOLUTION

Chair - Mr Niels Krarup-Hansen (DNK), NMSG Chairman

11:15	2	An Overview of Collective Mission Simulation Research in the Netherlands A. LEMMERS, L. JACOBS, W. HUISKAMP and G. UILENBROEK (NLD)
11:45	3	LVC - It's not just Protocols D. BOWMAN and B. DAUGHTREY (GBR)
12:15	4	Embedded Training and LVC M. KEUNING (NLD)
12:45		LUNCH

#### Session 2 - LVC AND STANDARDIZATION

Chair - Dr Jean-Louis Igarza (FRA)

14:15	5	Live, Virtual, Constructive Architecture Roadmap Implementation & Net-Centric Environment Interoperability (LVCAR-1) G. ALLEN, R. LUTZ and R. RICHBURG (USA)
14:45	6	A Proposed Standards Profile for Blended LVC Application Architectures R. WITTMAN and J. LOGSDON (USA)
15:15	7	Shared Scenarios Project – Standards and Formats G. LONGLEY-BROWN and J. FARRINGTON (GBR)
15:45		COFFEE BREAK

#### Session 3 - INTEROPERABILITY IN LVC ENVIRONMENT

Chair - Dr Hans Jense (NATO/NC3A)

16:15	8	Training Architecture Fusion to Achieve LVC Interoperability M. ALDINGER and H. FOOR (USA)
16:45	9	Use of Unique Identifiers to Enable Interoperability Among LVC Components F. BOWERS and B. GREGG (USA)
17:15	10	VEVA – A Procedure Model for Distributed Simulation Experiments R. SIEGFRIED, G. HERRMANN, A. LAUX (DEU) and J. LÜTHI (AUT)
17:45	11	Use of Constructive 3D Simulation to Contribute to Platoon-Level Decision Making During Combat Patrols M. STANGL and S. GROSSMAN (DEU)

### Friday 17 September 2010

#### INVITED PAPER

09:00	24	Using Advanced IA CSG for Supporting Training & Experimentation in Country Reconstruction and Stabilization through Interoperable Simulation A. BRUZZONE and M. MASSEI (ITA)
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#### Session 4 - IMPROVED TRAINING - THE LVC SOLUTION

Chair - Mr Andy Fawkes (GBR)

09:30	12	Virtual Infantry Trainer (VIT) C. KOERHUIS and C. HAARMEIJER (NLD)
10:00	13	Integrating a Simulated UAV in a Live Exercise T. van den BERG, R. KRIJNEN, W. HUISKAMP and O. SCHAVEMAKER (NLD)
10:30		COFFEE BREAK
11:00	14	Agile Live, Virtual and Constructive Training and Experimentation Network P. GUSTAVSSON, U. BJÖRKMAN and S. LUNDMARK (SWE)

#### Session 5 - LVC APPLICATIONS AND EXPERIMENTATIONS

Chair - Mr Rombout Karelse (NLD)

11:30	15	Application of the Mediator Design Pattern for Integrating Live Systems and Virtual Simulators in German VIntEL Simulation Network F. REINERT, R. HERZOG and S. LEUCHTER (DEU)
12:00	16	Coupling Experiments of Two (FRA/DEU) Wargaming Simulation Systems M. KELLERMEIER (DEU)
12:30	17	Interaction of Live, Virtual and Constructive Simulations in a VIntEL-Testbed K. KAPPEN, W. WASMUTH, A. PAI and G. RAUER (DEU)
13:00		LUNCH

**Session 6 - LVC: HUMAN COMPONENT**

**Chair - Mr Rob Smith (GBR)**

- 14:30**            **18**            [The Use of Augmented Reality to Support LVC Training](#)  
J. KEARSE (GBR)
- 15:00**            **19**            [Modelling Urban Short Range Interactions](#)  
K.-J. de KRAKER, E. BORGERS, P. KERBUSCH, P. LANGESLAG, J. FREULINGS and C. ROOS (NLD)
- 15:30**            **20**            [A Computational Model on Surprise and its Effects on Agent Behaviour in Simulated Environments](#)  
R.-J. MERK (NLD)
- 16:00**                            COFFEE BREAK

**Session 7 - SOFTWARE TECHNOLOGIES IN SUPPORT OF LVC SIMULATIONS**

**Chair - Dr Gokay Sursal (NATO/ACT)**

- 16:30**            **21**            [MSG-048 Technical Activity Experimentation to Evaluate Applicability of a Coalition Battle Management Language in NATO](#)  
K. HEFFNER (CAN) , M. PULLEN (USA) and L. KHIMECHE (FRA)
- 17:00**            **22**            [Semantic Web Tools and Technologies in Systems Development](#)  
W. BIZUB (USA)
- 17:30**            **23**            [Chronicle of Data Farming: An Overlook](#)  
K.-P. SCHWIERZ (DEU)
- 18:00**                            **CLOSING REMARKS**  
Conference Committee Chairman, Dr Juan Ruiz, Cdr, ESP Navy, Head MSCO, NATO/RTA
- 18:10**                            **CLOSE**