

TUESDAY, 14 JULY 2009 (OPAL ROOM)

SESSION 2

SYSTEM MODELING AND SIMULATION

CHAIR:

PRISCILLA ELFREY, NASA KENNEDY SPACE CENTER

- 0830 09E-SIW-009 Aerial Refueling in a Real-Time Distributed Simulation Environment
Dr Peter Ryan, Will Oliver, Frank Hill
- 0900 09E-SIW-012 On Semantic Interoperability for International Space Programmes
Alexander Vankov, Luis Arguello, Joachim Fuchs, Petr ShlyaeV, Anton Skuratovskiy
- 0930 09E-SIW-028 ASNET : Ship Synthesis Model (COMBINED PRESENTATION)
Ing Francesco Perra
- 09E-SIW-029 ASNET: The Operational Evaluation Model
Ing. Aldo Guagnano
- 1000 REFRESHMENT BREAK**

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SESSION 3

DISTRIBUTED SIMULATION PROCESSING TECHNIQUES

CHAIR:

MICHAEL CONROY, NASA KENNEDY SPACE CENTER

- 1030 09E-SIW-010 Missionland, a multinational co-operation program to construct and share a generic mission simulation environment
Arjan Lemmers, Arno Gerretsen, Frido Kuijper, Marcel Kleijhorst
- 1100 09E-SIW-016 Design and Implementation of Hierarchical RTI (HRTI)
Mr JungHyun Ahn, Mr TagGon Kim
- 1130 09E-SIW-017 Design and Implementation of Surrogate for Interoperation of HLA Federations
Mr TagGon Kim, Mr MinWook Yoo
- 1200 LUNCH BREAK**
- 1330 09E-SIW-005 HLA RTI Performance Evaluation
Mr Herman le Roux, Mr Linda Malinga
- 1400 09E-SIW-020 KAMA: A Tool for Developing Conceptual Models For C4ISR Simulations
Utkan Eryilmaz, Alpay Karagoz
- 1430 09E-SIW-008 Advantages of a Generic Model Execution Framework in Simulation Systems
Abdulkadir Can, Murat Atun, Dr. H.Orkun Zorba
- 1500 REFRESHMENT BREAK**
- 1530 09E-SIW-033 Environment Representation and Hurricane Simulation for CWID
Dr Naim Alper, Dr John Holdzkom, Mr Steven Lowe, Mr Mark Webb
- 1600 Questions and discussion
- 1630 ADJOURN**

NOTE: Papers 09E-SIW-011 and 09E-SIW-030 have been withdrawn

WEDNESDAY, 15 JULY 2009 (OPAL ROOM)

SESSION 4

COMMAND AND CONTROL SIMULATION AND TRAINING

CO-CHAIRS:

**KAREN ROTH, US AIR FORCE RESEARCH LABORATORY
ORRIS HAMBLETON, US AIR FORCE HEADQUARTERS**

- 0830 09E-SIW-004 Developing Link-16 Interoperability for the Royal Australian Air Force, Air Defence Ground Environment Simulator in a Joint and Coalition LVC Environment
Dr. Lucien Zalcmán, Mr. Jon Blacklock
- 0900 09E-SIW-013 Core Technical Framework Study: An Overview
Jan Tegnér, Dr Robert Suzic, Dr Qi Huang, Dr Choong-Ho Yi
- 0930 09E-SIW-014 Core Technical Framework Study: A Service Framework for Distributed Simulations in Net-Centric Environments
Dr Robert Suzic, Per M. Gustavsson, Dr Qi Huang, Jan Tegnér, Dr Choong-Ho Yi
- 1000 REFRESHMENT BREAK**

NOTE: Paper 09E-SIW-022 has been withdrawn

WEDNESDAY, 15 JULY 2009 (OPAL ROOM)

SESSION 5

CRISIS MANAGEMENT SIMULATION AND TRAINING

CHAIR:

ORRIS HAMBLETON, US AIR FORCE HEADQUARTERS

- 1100 09E-SIW-018 Simulation and Visualization Applications for Security Analysis of Infrastructure Facilities
Dr Panagiotis Scarlatos
- 1130 09E-SIW-019 DIESIS - An Interoperable European Federated Simulation Network for Critical Infrastructures
Sandro Bologna, Erich Rome, Erol Gelenbe, Eric Luijff, Vincenzo Masucci
- 1200 LUNCH BREAK**
- 1330 09E-SIW-023 Modeling the Relationships Between Hospital Surge Capacity and Dynamic Traffic Conditions
James Coolahan, Ph.D., Evangelos Kaisar, Ph.D., Katherine Morse, Ph.D.
- 1400 Questions and discussion
- 1500 REFRESHMENT BREAK AND ADJOURN**