

**1997 Fall SIW Agenda**

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<b>Day</b>	<b>Morning 0800 - 1200</b>	<b>Afternoon 1330 - 1700</b>	<b>Evening</b>
<b>Mon</b>	<p><b>New Comers Forum</b>  <i>Sanibel (298)</i>  <i>Topics:</i>                      SISO Information, SIW Orientation, and Basic Principles of HLA.  <b>Session 1:</b>                      0830-0945 SISO and SIW orientation.                      Lead - Bill Tucker.  <b>Session 2:</b>                      1015-1130 Introduction to HLA</p> <p><b>Program Manager Forum</b>  <i>Amelia Biscayne (434)</i>  <i>Topics:</i>                      Information and Selected Major DoD M&amp;S Programs Status Updates, Including DMSO HLA Updates. Interests in "big picture" topics rather than implementation details  <b>Session 1:</b>                      0830- DMSO Technical Activities Update                      0945 Since 1997 Spring SIW                      Emphasizing Important to Other New/Ongoing Programs.  <b>Session 2:</b>                      1015- Selected Major Program                      1130 Updates Since Last SIW.</p> <p><b>Advanced Forum</b>  <i>Captiva Cypress (520)</i>  <b>Session 1</b>                      0830 Presentations &amp; Sharing Approaches and Accomplishments in Implementing Ideas and Issues Being Discussed in Other SIW Forums.                      Lead- Dana Paterson                      0910- Discussion                      0920                      0920- Paper                      0950                      0950- Discussion</p>	<p><b>Plenary</b>  <i>Ballroom (1420)</i>                      1300- Welcome                      1315                      1315- Keynote Speaker                      1400                      1400- Special Interest Speaker -                      1430 Scott Delp                      1430- SISO Status                      1500 Update/Introduction of Elected Officers                      1500- BREAK                      1530                      1530- SAC Presentation by iSAC                      1615 Chair Laura Feinerman                      1615- International Panel: "The Role of SISO in Developing and Promoting International Simulation Standards"                      1645                      1645- SISO Announcements                      1700</p>	<p><b>International Panel</b>  <i>Amelia Biscayne (434)</i>                      1900-2100                      International Initiatives and Programs Related to Simulation Interoperability Standards</p> <p><b>Joint Meeting for RDE &amp; U.S. Material Command's DS Working Group</b>  <i>Cypress(298)</i>                      1800-2100                      Joint Meeting for RDE &amp; U.S. Material Command's DS Working Group led by COL Rogers</p>

	<p>1000 1000- BREAK 1030</p> <p><b>Session 2</b> 1030 PRP Selected Papers 1040-1110 Paper 1110-1120 Discussion 1120-1150 Paper 1150-1200 Discussion</p>		
<b>Tue</b>	<p><b>Analysis</b> <i>Sanibel(298)</i> 0800- Opening Discussion: 0900 Requirements Definition and Analysis 0900- 97F-SIW-115 Requirements 0930 Templates - Harnessing the Detail Genie 0930- 97F-SIW-098 M2A3 Synthetic Environment Operational Testing (SEOT) 1000 - BREAK 1030 1030- 97F-SIW-066 Intelligent Movement Algorithms for Constructive Simulations 1100- 97F-SIW-084 Battlefield Knowledge Index: Quantifying Situational Awareness 1130 - Morning Wrap-up Discussion 1200</p> <p><b>Research, Development, and Engineering</b> <i>Biscayne</i> 0800- RDE Forum Introduction/ 0815 Welcome to the Forum, Introduction of old &amp; new PRP members/Forum officers, Goals of the forum session Agenda 0815- Reports &amp; Overview of Interim Meeting- Education Team Report- Liaison Team Report- Issue Statement Generation Process 0900- Session 1: The Transition to HLA Impact on RDE Simulation- Session Introduction (5 minutes)- Invited presentation by Keith Briggs: "RDE Users and the Transition to HLA" (20 minutes)-</p>	<p><b>Analysis</b> <i>Sanibel(298)</i> 1330- 97F-SIW-008 Combat Development as part of Analysis Activities. The CROSAT Vision. 1400- 97F-SIW-071 1430 CONDITIONS FOR THE POSITIVE CORRELATION OF DYNAMIC STATE DATA BETWEEN OBJECTS IN A DISTRIBUTED SIMULATION ENVIRONMENT 1430- 97F-SIW-004 Control of Entity Interactions in a Variable Resolution Hierarchical Simulation 1500- BREAK 1530 1530- 97F-SIW-069 Information Architecture Based Tools for Interoperable Simulation within the HLA 1600- 97F-SIW-048 Analysis in a Distributed Simulation Environment: The D.R.A.W. Concept 1630- Closing Discussions 1730</p> <p><b>Research, Development, and Engineering</b> <i>Biscayne</i> 1330 Session 3: Fidelity Issues 1330- Introduction to Fidelity 1345 Emphasis Session by Fidelity Team lead 1345- 97F-SIW-044, Abbreviated 1410 Presentation Fidelity</p>	<p><b>Analysis</b> <i>Sanibel(298)</i> 1900- Forum 2100 Working Session</p> <p><b>RPR-FOM Meeting</b> 1900- RPR-FOM 2100 Meeting led by Richard Schaefer</p> <p><b>Range Commanders Council Modeling and Simulation Group (RCC M&amp;SG)</b> 1700- RCC M&amp;SG 1900 Meeting</p> <p><b>Reference FOM</b> <i>Captiva</i> 1900- Reference 2100 FOM Meeting</p> <p><b>RDE</b> <i>Biscayne</i> 1900- RDE Forum PRP &amp; Business Meeting (Open to all)</p>

<p>Object Model Subgroup Outbrief (15 minutes)- RTI Performance Subgroup</p> <p>1000- BREAK 1030</p> <p>1030 Session 2: RTI and Other Implementation Considerations</p> <p>1030- RD&amp;E Users Forum HLA Projects</p> <p>1100 Invited Presentations)(Invited according to the RTI subgroup plan presented at the interim meeting)</p> <p>1100- 97F-SIW-017, Abbreviated</p> <p>1115 Presentation Simulation of Distributed Dynamic Systems with Time Delays</p> <p>1115- 97F-SIW-109 Rapid Prototyping</p> <p>1130 Using Simulation Frameworks</p> <p>1130 97F-SIW-013, Abbreviated</p> <p>-1200 Presentation Electronic Battlefield Facility for Research, Development, and Engineering</p>	<p>Considerations for RDE Distributed Simulation</p> <p>1410- 97F-SIW-037, Abbreviated</p> <p>1430 Presentation A Fidelity Framework</p> <p>1430- 97F-SIW-064 ACCURACY</p> <p>1500 IN DOD HIGH LEVEL ARCHITECTURE FEDERATIONS</p> <p>1500- BREAK 1530</p> <p>1530 Session 4: Fidelity Issues (continued)</p> <p>1530- 97F-SIW-125 Measuring</p> <p>1600 Fidelity Differentials in HLA Simulations</p> <p>1600- 97F-SIW-116 Fidelity</p> <p>1630 Assessment in Aviation Related Simulation Applications</p> <p>1630- Fidelity Subgroup Report 1700</p> <p>1700- Forum Discussion and</p> <p>1730 Wrap-up (Open to whomever wishes to attend) Topics Including Action items from main Session- Planning for Outbrief to SIW Friday AM - Planning for next interim Meeting- Review of possible issue statements</p>	
<p><b>Test &amp; Evaluation</b> <i>Amelia</i></p> <p>0800- Introduction and Opening</p> <p>0830 Remarks</p> <p>0830- 97F-SIW-010 Latency and Its</p> <p>0915 Effects on the Fidelity of Air-to-Air Missile T&amp;E Using Advanced Distributed Simulations</p> <p>0915- 97F-SIW-085 Testing Advanced</p> <p>1000 Distributed Simulations for use in Electronic Warfare T&amp;E</p>		
<p>1000 - BREAK 1030</p> <p>1030- 97F-SIW-098 M2A3 Synthetic</p> <p>1115 Environment Operational Testing (SEOT)</p> <p>1115 - 97F-SIW-075 Bringing</p> <p>1200 Simulation to the Undersea Range: Synthetic Environment Tactical Integration (SETI)</p>	<p><b>Test &amp; Evaluation</b> <i>Amelia(221)</i></p> <p>1330- 97F-SIW-064 ACCURACY</p> <p>1400 IN DOD HIGH LEVEL ARCHITECTURE FEDERATIONS</p> <p>1400- 97F-SIW-125 Measuring</p> <p>1430 Fidelity Differentials in HLA Simulations</p> <p>1430- 97F-SIW-115</p> <p>1500 Requirements Templates- Harnessing the Detail Genie</p>	
<p><b>Staff-Level Training</b> <i>Cypress(298)</i></p> <p>0800- Introduction and Initial</p> <p>0830 Discussion</p>	<p>1500- BREAK 1530</p> <p>1530 Wrap-up</p>	

<p>0830- Invited presentation, STOW 97 0900 status 0900- Invited presentation, JSIMS 0930 0930 - 97F-SIW-147 Providing 1000 Uninterrupted Training to the Joint Training Confederation (JTC) Audience During Transition to the High Level Architecture (HLA) 1000 - BREAK 1030 1030 - 97F-SIW-140 International 1100 Interoperability for Simulation- based Training 1100- 97F-SIW-001 Rapid Exercise 1145 Scenario Development 1145- Discussion 1200</p>	<p><b>Staff-Level Training</b> <i>Cypress(298)</i> 1330- 97F-SIW-012 Modeling of 1415 the Commander and Staff Decision Making Process - Software Requirements Analysis in WARSIM 2000 1415- 97F-SIW-128 BBSSAF, a 1500 Constructive/Virtual Linkage Between the Brigade/Battalion Battle System and DIS 1500- BREAK 1530 1530- 97F-SIW-092 1600 1600- Closing Discussions 1630</p>	
<p><b>Small Team Training &amp; Entertainment</b> <i>Captiva(222)</i> 0800- Introduction and Initial 0815 Discussion 0815- 97F-SIW-077 Battle Explorer: 0845 VRML Technology for Replaying and Analyzing DIS Exercises 0845- 97F-SIW-171 (with 0915 Entertainment Forum) Soldier Visualization Station (SVS) (tm) 0915- 97F-SIW-123 Live Reckoning for 0945 Simulated Dismounted Infantry using DI-Guy(tm) 0945- Closing Discussions for Joint 1000 Session with Entertainment Forum</p>	<p><b>Small Team Training</b> <i>Captiva(222)</i> 1330- 97F-SIW-041 Distributed 1400 Interactive Simulation Exercise Construction Toolset (DISECT) 1400- 97F-SIW-055 Sustaining 1430 and Improving Structured Simulator-Based Training 1430- 97F-SIW-129 JCOS AARS: 1500 SUPPORTING THE AFTER ACTION REVIEW PROCESS BY EMPOWERING WEB- BASED TECHNOLOGY 1500- BREAK 1530 1530- 97F-SIW-144 Individual 1600 Combatants in Dismounted Warrior Network 1600- 97F-SIW-005 Distributed 1630 Interactive Simulation of Rendezvous and Docking with International Space Station 1630- Closing Discussions 1700</p>	
<p><b>Small Team Training</b> <i>Captiva(222)</i> 1030- 97F-SIW-054 (with 1100 Entertainment Forum) A Concept Embedded Simulation System Architecture for Ground Vehicles 1100- 97F-SIW-021 (with 1130 Entertainment Forum) Communications Techniques for Embedded Training</p>		

	1130- BFTT - Invited Presentation 1200 1200- LUNCH 1330		
<b>Wed</b>	<p><b>INFRASTRUCTURE TRACK Run-Time Infrastructure and Communications</b> <i>Sanibel(298)</i></p> <p>0800 DDM 0800- Welcome-Richard Weatherly 0810 0810- 97F-SIW-057 DDM Scenarios 0850 0850- 97F-SIW-083 Differentiating 0930 Declaration Management and Data Distribution Management 0930- 97F-SIW-056 A State Transition 1000 View of Updates and Interactions 1000- BREAK 1030 1030- 97F-SIW-119 HLA/RTI Data 1100 Distribution Management in the Synthetic Theater of War 1100- 97F-SIW-020 Interest 1130 Management: Dynamic Group Multicasting Using Mobile Java Policies 1130- 97F-SIW-016 Experimental 1200 Comparison of d-Rectangle Intersection Algorithms Applied to HLA Data Distribution</p> <p><b>Live Interaction</b> <i>Largo(220)</i></p> <p>0800- Attend Infrastructure Track 1000 1000- BREAK 1030 1030- Welcome / Introduction of PRP by Michael Rothrock 1035 Spring 97 Minutes / Fall Agenda 1045 Review by Mike Wesdell 1045- 97F-SIW-010 1120 1120- 97F-SIW-179 PRECISION 1200 GUIDED MORTAR MUNITION EARLY OPERATIONAL EXPERIMENT: A LIVE/CONSTRUCTIVE SIMULATION EXERCISE</p>	<p><b>INFRASTRUCTURE TRACK Run-Time Infrastructure and Communications</b> <i>Sanibel(298)</i></p> <p>1330 Communications 1330- 97F-SIW-180 Distributed 1400 System Support for Network-Based Multi-User Interactive Applications 1400- 97F-SIW-018 Adding 1430 Congestion Control to the Selectively Reliable Transmission Protocol for Large-Scale Distributed Simulation 1430- 97F-SIW-043 SNAPpy-The 1500 Windows NT, SMP, and VR-Link based Low-Latency NIU and Latency Measurement System 1500- BREAK 1530 1530- 97F-SIW-010 Latency and 1600 Its Effects on the Fidelity of Air-to-Air Missile T&amp;E Using Advanced Distributed Simulations 1600- 97F-SIW-033 HLA- 1630 compliant Maneuver Control System Interface to DIS-compliant Tactical Internet Model 1630- 97F-SIW-149 Creating a 1700 Light-Weight RTI Using Selectively Reliable Transmission as an Evolution of Dual-Mode Multicast 1700- 97F-SIW-076 1730 Incorporating Command and Control (C2) into the High Level Architecture (HLA): an architecture for realistic communications effects</p>	<p><b>INFRASTRUCTURE TRACK Run-Time Infrastructure and Communications</b> <i>Sanibel(298)</i></p> <p>1900 RTI&amp;C 1900- 97F-SIW-005 1930 Distributed Interactive Simulation of Rendezvous and Docking with International Space Station 1930- 97F-SIW-187 2000 Performance Evaluation Model of HLA-RTI and Evaluation of eRTI 2000- 97F-SIW-082 2030 Lightweight Federation Object Model for Distributed Simulation 2030- 97F-SIW-040 2100 Extending the HLA to Support a Requestable Object Service</p> <p><b>Sensor Modeling/Command, Control, and Communications Meeting</b></p> <p>1900- SMF/C4ISR 2100 Meeting, Capt. Mark Edwards</p> <p><b>Federation Development Process</b></p>

<p><b>ENVIRONMENT TRACK</b>  <b>Simulated Natural Environment and Sensor Modeling</b>  <i>Biscayne(238)</i>  0800- Introduction and Agenda  0830 Overview  0830- Invited Presentation: SEDRIS  0850 Update  0850- Invited Presentation: ASTT  1000 Program Introductions  1000- BREAK  1030  1030 Topic: Project Introductions and Updates  1030- Invited Presentation: JSIMS  1100 Overview  1100- Invited Presentation:  1130 Methodology to support enhanced sensor representation  1130- 97F-SIW-165  1200  1140- Invited Presentation: JSIMS  1200 Maritime</p>	<p><b>Live Interaction</b>  <i>Largo(220)</i>  1330- 97F-SIW-075 Bringing  1405 Simulation to the Undersea Range: Synthetic Environment Tactical Integration (SETI)  1405- 97F-SIW-021  1440 Communications Techniques for Embedded Training  1440- Known Shortcomings of  1500 HLA/RTI for Live Simulations Rothrock  1500- BREAK  1530  1530- T&amp;E Enabling Architecture  1600 Update by E. Dunn  1600- Discussion of TENA  1615 Project/ALL  1615- ROM / Live FOM  1645 discussion/O'Connor  1645- Open discussion of Live  1730 Interaction Forum Mission and Goals/Wesdell</p>	<p><i>Cypress(298)</i>  1900- Discussion  2100 Session: "Moving the FEDEP Ahead"</p> <p><b>Range Commanders Council Modeling and Simulation Group (RCC M&amp;SG)</b>  1700- RCC M&amp;SG  1900 Meeting</p> <p><b>RPR FOM</b>  <i>Biscayne</i>  1900- RPR FOM  2100 Meeting</p>
<p><b>Command, Control, and Communications TRACK</b>  <i>Amelia(221)</i>  0800- Introduction, Old Business  0900  0900 C4I Architectures for HLA/RTI Part 1  0900- 97F-SIW-032 Evolution to a  0930 Common C4ISR M&amp;S Environment via an HLA Communications Effects Federate Approach  0930- 97F-SIW-160 Communications  1000 Emulation Design in the MRCI Program  1000- BREAK  1030  1030 C4I Architectures for HLA/RTI Part 2  1030- 97F-SIW-076 Incorporating  1100 Command and Control (C2) into the High Level Architecture (HLA): an architecture for</p>	<p><b>ENVIRONMENT TRACK</b>  <b>Simulated Natural Environment and Sensor Modeling</b>  <i>Biscayne(238)</i>  1330 Topic: Data Dictionary  1330- 97F-SIW-026 Crossing a  1400 taxonomy with a standard data model yields superior offspring  1400- Discussion  1500  1500- BREAK  1530  1530 Topic: Natural Environment Requirements  1530- 97F-SIW-115  1600 Requirements Templates- Harnessing the Detail Genie  1600- 97F-SIW-148 TMPO  1630 Requirements</p>	

<p>realistic communications effects</p> <p>1100- 97F-SIW-033 HLA-compliant 1130 Maneuver Control System Interface to DIS-compliant Tactical Internet Model</p> <p>1130- 97F-SIW-120 Modular 1200 Reconfigurable Message Translation: Translation of Messages Between C4I Systems and Simulations</p>	<p>Collection/Analysis Report</p> <p>1630- Question and Answer 1730 Panel with the Executive Agents</p>	
<p><b>FEDERATION DEVELOPMENT TRACK</b> <b>Federation Development Process</b> <b>and Verification, Validation, &amp;</b> <b>Accreditation</b> <i>Cypress(298)</i></p> <p>0800- Opening Remarks 0830</p> <p>0830- 97F-SIW-029 Details on the 0900 Early Stages of Federation Development Process</p> <p>0900- 97F-SIW-173 HLA Federation 0930 Design and Development Process Model</p> <p>0930- 97F-SIW-012 FEDEP Phase III 1000 Examination: Federation Testing, Execution, and Feedback</p> <p>1000- BREAK 1030</p> <p>1030- 97F-SIW-117 A Decision 1100 Framework for Constructing HLA Applications</p> <p>1100- 97F-SIW-079 A CASE Tool for 1130 Development of HLA Systems</p> <p>1130- 97F-SIW-108 OSim Framework: 1200 Experience of an In-flight Refueling Federation Development using Commercial Tools</p>	<p><b>Command, Control, and</b> <b>Communications TRACK</b> <i>Amelia(221)</i></p> <p>1330- Panel Discussion on C4I 1400 Architectures for HLA/RTI Session Chair: J. Lacetera</p> <p>1400 Sensor Representations Session Chair: D. Fowler</p> <p>1400- 97F-SIW-053 Sensor Data 1430 Fusion Simulation on JUSA-RTI Prototype --The R&amp;D Federation Controller in JUSA --</p> <p>1430- 97F-SIW-165 Toward 1500 Standards for Interoperability and Reuse for IR Simulation</p> <p>1500- BREAK 1530</p> <p>1530 Representation of C2ISR Session Chair:W. Sudnikovich</p> <p>1530- 97F-SIW-069 Information 1600 Architecture Based Tools for Interoperable Simulation within the HLA</p> <p>1600- 97F-SIW-092 Modeling of 1630 the Commander and Staff Decision Making Process- Software Requirements Analysis in WARSIM 2000</p> <p>1630 Communications Realism Session Session Chair: P. Yanni</p> <p>1630- 97F-SIW-114 On-line 1700 Services for C4I</p> <p>1700- 97F-SIW-049 LEVEL OF 1730 DETAIL AND CULLING FOR ADVANCED DATA LINK MODELING IN HLA/DIS</p>	
<p><b>APPLICATION TRACK</b> <b>Federation Implementers'</b> <i>CitrusB(134)</i></p> <p>0800- Introduction 0815</p> <p>0815- 97F-SIW-025 A Comparison of 0845 HLA Object Modeling Principles with Traditional Object-Oriented Modeling Concepts</p>	<p><b>Federation Development</b> <b>Process</b> <i>Cypress(298)</i></p>	

<p>0845- Discussion 0900 0900- 97F-SIW-147 Providing 0930 Uninterrupted Training to the Joint Training Confederation (JTC) Audience During Transition to the High Level Architecture (HLA) 0930- Discussion 1000 1000- BREAK 1030 1030- 97F-SIW-005 Distributed 1100 Interactive Simulation of Rendezvous and Docking with International Space Station 1100- Discussion 1115 1115- 97F-SIW-007 Universal 1145 Translator for Adapting Legacy Systems to HLA 1145- Discussion 1200 1200- 97F-SIW-074 An Object Oriented 1230 RTI Interface</p> <p><b>Vehicle/Weapon System</b> <i>Captiva(222)</i> 0800- Vehicle Forum Organization and 0830 Orientation 0830- 97F-SIW-126 The Need for 0900 Conceptual Models of the System Space 0900- 97F-SIW-164 High Level 0930 Architecture (HLA) Object Model Tool Development 0930- 97F-SIW-172 Multiple FOMs for 1000 Multiple Federations 1000- BREAK 1030 1030- 97F-SIW-054 A Concept 1100 Embedded Simulation System Architecture for Ground Vehicles 1100- 97F-SIW-009 Foreign Systems 1130 Modeling Formats-BRL-CAD to Designers' Workbench 1130- 97F-SIW-179 PRECISION 1200 GUIDED MORTAR MUNITION EARLY OPERATIONAL</p>	<p>1330- 97F-SIW-025 A 1400 Comparison of HLA Object Modeling Principles with Traditional Object- Oriented Modeling Concepts 1400- 97F-SIW-167 How to 1430 develop HLA FOMs/SOMs using a repeatable, formal OOA methodology and process 1430- 97F-SIW-172 Multiple 1500 FOMs for Multiple Federations 1500- BREAK 1530 1530- 97F-SIW-063 Component- 1600 based Federates and the FOM 1600- 97F-SIW-164 High Level 1630 Architecture (HLA) Object Model Tool Development 1630- 97F-SIW-046 From 1700 Legacy Model to Future Federate: The Janus Simulation Object Model 1700- Wrap-up 1730</p> <p><b>Verification, Validation, and Accreditation</b> <i>CitrusB(134)</i> 1330- VVA Forum Introduction 1400 1400- 97F-SIW-037 A Fidelity 1430 Framework 1430- 97F-SIW-064 ACCURACY 1500 IN DOD HIGH LEVEL ARCHITECTURE FEDERATIONS 1500- BREAK 1530 1530- 97F-SIW-125 Measuring 1600 Fidelity Differentials in HLA Simulations 1600- 97F-SIW-059 Derivation 1630 and Publication of Simulation Fidelity Metrics 1630- 97F-SIW-116 Fidelity</p>
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	<p>EXPERIMENT: A LIVE/CONSTRUCTIVE SIMULATION EXERCISE</p> <p><b>Logistics</b> <i>CitrusC(104)</i> 0800- Introduction 0830 0830- 97F-SIW-145 The Migration of a 0900 Legacy Computer Simulation Model: Implementation 0900- 97F-SIW-128 BBSSAF, a 0930 Constructive/Virtual Linkage Between the Brigade/Battalion Battle System and DIS 0930- 97F-SIW-110 Choosing a 1000 Simulation Model to Analyze Distribution Based Logistics 1000- BREAK 1030 1030- 97F-SIW-002 Co-operative 1100 Agents for Modelling Operations Other Than War (OOTW) 1100- 97F-SIW-112 Distributed 1130 Intelligent Agents for Logistics 1130- 97F-SIW-051 Force Projection 1200 Modeling (FPM) System</p>	<p>1700 Assessment in Aviation Related Simulation Applications 1700- Fidelity Discussion 1730</p> <p><b>Vehicle/Weapon System</b> <i>Captiva(222)</i> 1330- Soldier Visualization 1400 Station (tm) Reality by Design 1400- PC Based HMMWW 1430 Simulator-Reality by Design 1430- MAK Motors DIS/HLA 1500 Compliant Vehicle Simulator-MAK Technologies 1500- BREAK 1530 1530- Reconfigurable 1600 Aerodynamic Modeling Tools-FLSIM &amp; HELISIM- Virtual Prototypes 1600- MARS Rover Simulator- 1630 Integraph 1630- Panel Discussion on Low- 1700 Cost Simulators 1700- Wrap Up Discussion for 1730 VEH Forum</p> <p><b>Logistics</b> <i>CitrusC(104)</i> 1330- 97F-SIW-035 The Center 1400 for Army Lessons Learned ... A High Tech Success 1400- 97F-SIW-183 Evolving a 1430 Logistics M&amp;S Taxonomy 1430- Discussion of Logistics 1500 Taxonomy 1500- BREAK 1530 1530- Review and Discussion of 1730 Papers</p>	
<b>Thurs</b>	<p><b>INFRASTRUCTURE TRACK Run-Time Infrastructure and Communications</b> <i>Sanibel</i> 0800 Gateways, Management and</p>	<p><b>INFRASTRUCTURE TRACK Run-Time Infrastructure and Communications</b> <i>Sanibel</i></p>	<p><b>Testing</b> <i>Citrus C (104)</i> 1900- Testing Forum 2100 PRP Meeting</p>

<p>Time</p> <p>0800- 97F-SIW-072 RTI 1.0 Gateway 0830 Experiment Results</p> <p>0830- 97F-SIW-078 The High Level 0900 Architecture's Federation Bridge</p> <p>0900- 97F-SIW-073 Eagle Time 0930 Management</p> <p>0930- 97F-SIW-124 The High Level 1000 Architecture (HLA) Management Object Model (MOM) in the RTI version 1.0</p> <p>1000- BREAK 1030</p> <p>1030- 97F-SIW-036 UKRTI-Interface 1100 Design Requirements and Implementation Architecture</p> <p>1100- 97F-SIW-019 Lessons learned 1130 implementing and using a general-purpose federation management, prototyping, and debugging tool.</p> <p>1130- 97F-SIW-118 Execution Logging 1200 and Replay: Issues and Approaches</p> <p><b>ENVIRONMENT TRACK</b> <b>Simulated Natural Environment and Sensor Modeling</b> <i>Cypress</i></p> <p>0800 Topic: Terrain Modeling</p> <p>0800- 97F-SIW-022 Digital Elevation 0830 Model Resolution and Simulated Natural Environment Terrain Representation Fidelity</p> <p>0830- 97F-SIW-089 A Multi-Resolution, 0900 Integrated Terrain (MRITIN) Database</p> <p>0900- 97F-SIW-107 Rapid Terrain 0930 Visualization: Prototyping Synthetic Natural Environments for CGF and Visualizatio</p> <p>0930- 97F-SIW-189 The Generation 1000 and Simulation of Synthetic Environments Using the Global Coordinate System</p> <p>1000- BREAK 1030</p> <p>1030 Topic: SAF/CGF and Terrain Modeling</p>	<p>1300 RTI&amp;C and Live Issues, Major Points, Future Areas of Interest</p> <p>1330- Technical Panel Session 1430</p> <p>1430- Track Wide Discussion, 1500 Moderator Richard Weatherly</p> <p>1530- Develop Issues and 1700 Propose Future Actions.</p> <p><b>ENVIRONMENT TRACK</b> <b>Simulated Natural Environment and Sensor Modeling</b> <i>Cypress</i></p> <p>1330 Topic: Surf and Drainage</p> <p>1330- 97F-SIW-141 Advanced 1400 Environmental Quality Modeling Systems</p> <p>1400- 97F-SIW-099 Developing 1430 a Surf Zone Representation for Modeling and Simulation</p> <p>1430- Invited Presentation: 97F- 1500 SIW-150 Fred C. Newman</p> <p>1500- BREAK 1530</p> <p>1530 Topic: Atmosphere, Chem-Bio/Misc and EO/IR</p> <p>1530- 97F-SIW-067 Dirty 1600 Battlefield Environment Enhancements for Distributed Simulations</p> <p>1600- Invited Presentation: 1630 "Weather and Atmospheric Visualization Effects for Simulation - WAVES"</p> <p>1630- 97F-SIW-154 1700 TAOS:Providing and Managing Realistic Natural Environments for Virtual Worlds</p> <p>1700- Closing Comments 1730</p> <p><b>Command, Control, and Communication TRACK</b></p>
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<p>1030- 97F-SIW-090 Avoiding Pitfalls in 1100 the Use of the Global Coordinate System</p> <p>1100- 97F-SIW-080 Computer 1130 Generated Forces Terrain Database Enhancements</p> <p>1130- 97F-SIW-104 Dynamic Virtual 1200 World Simulation for STOW</p> <p>1200- 97F-SIW-177 AN ARCHITECTURE 1230 FOR AUTOMATED ENVIRONMENT REASONING (AER)</p> <p><b>Command, Control, and Communication TRACK</b> <i>Amelia(221)</i></p> <p>0800- Administrative and Agenda 0830 Review</p> <p>0830 Approaches to Real C4ISR System Interfacing (3 papers) Session Chair: M. Cosby</p> <p>0830- 97F-SIW-094 Army Experiment 0900 IV (AE4) Simulation/C4I Experiment</p> <p>0900 - 97F-SIW-136 Stimulating C4I 0930 Systems and Achieving Control of the Simulated Battlefield</p> <p>0930 - 97F-SIW-159 COMPASS and C4I 1000 to Modeling &amp; Simulation Services: Lessons Learned</p> <p>1000 - BREAK 1030</p> <p>1030 - Panel Discussion on Simulation 1200 Aspects of International C4ISR Interoperability Session Chair: D. Fowler</p> <p><b>FEDERATION DEVELOPMENT TRACK Exercise Management</b> <i>Captiva(222)</i></p> <p>0800- Opening Remarks 0815</p> <p>0815- 97F-SIW-118 Execution Logging 0900 and Replay: Issues and Approaches</p> <p>0900- 97F-SIW-135 A Common Object 0930 Repository for Simulation Analysis</p> <p>0930- Discussion of 118 &amp; 135</p>	<p><i>Amelia(221)</i></p> <p>1330- Issue Resolutions and 1500 Work on Standards Implications Session Chair: J. Lacetera</p> <p>1530- Wrap-up Session Chair: J. 1730 Lacetera</p> <p><b>FEDERATION DEVELOPMENT TRACK Exercise Management</b> <i>Captiva(222)</i></p> <p>1330- 97F-SIW-023 Federation 1400 Management Tool Development for the ALSP-HLA Transition</p> <p>1400- 97F-SIW-055 Sustaining 1430 and Improving Structured Simulator-Based Training</p> <p>1430- 97F-SIW-103 Data 1500 Management in ModSAF: An Integration Perspective</p> <p>1500- BREAK 1530</p> <p>1530- 97F-SIW-019 Lessons 1600 learned implementing and using a general-purpose federation management, prototyping, and debugging tool.</p> <p>1600 Discussions, Conclusions -1730 and Recommendations</p> <p><b>Testing and Verification, Validation, &amp; Accreditation Joint Session</b> <i>CitrusB (134)</i></p> <p>1330- 97F-SIW-062 The High 1400 Level Architecture Federate Conformance Testing Process Revised</p> <p>1400- 97F-SIW-061 The ALSP 1430 Joint Training Confederation -- A Case Study of Federation Testing</p> <p>1430- 97F-SIW-038 1500 Nonintrusive HLA</p>	
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<p>1000 1000 - BREAK 1030 1030 - 97F-SIW-041 Distributed 1100 Interactive Simulation Exercise Construction Toolset (DISECT) 1100- 97F-SIW-042 An Overview of the 1120 After Action Review Component in WARSIM 2000 1120- 97F-SIW-129 JCOS AARS: 1140 SUPPORTING THE AFTER ACTION REVIEW PROCESS BY EMPOWERING WEB-BASED TECHNOLOGY 1140- 97F-SIW-048 Analysis in a 1200 Distributed Simulation Environment: The D.R.A.W. Concept</p> <p><b>Verification, Validation, and Accreditation</b> <i>CitrusB(134)</i> 0800- Fidelity Discussion Continued 0830 0830- 97F-SIW-001 A COMPARISON 0900 BETWEEN THE CMMS AND THE CONCEPTUAL MODEL OF THE FEDERATION 0900- Conceptual Model Discussion 0930 0930- 97F-SIW-153 Verification, 1000 Validation and Accreditation (VV&amp;A) Issues of the National Missile Defense (NMD) Integrated System Test Capability (ISTC) Transition to a Distributed System 1000- BREAK 1030 1030- VV&amp;A Issues Discussion 1130 1130- Wrap-up 1230</p> <p><b>Testing</b> <i>Citrus C(104)</i> 1030- Opening Remarks 1045</p>	<p>Interoperability Testing 1500- BREAK 1530</p> <p><b>Testing</b> <i>CitrusC (104)</i> 1530-1615 Panel Discussion 1615-1730 Wrap-up</p> <p><b>VVA</b> <i>CitrusB(134)</i> 1530-1730 VVA Forum PRP</p> <p><b>APPLICATION TRACK</b> <b>Human Decision Making and Behavior Representation</b> <i>Biscayne(238)</i> 1330- 97F-SIW-091 Estimation, 1400 Mistakes, Learning, and Correction -- A New CGF Behavior Implementation Approach 1400- 97F-SIW-122 Goal- 1430 Directed Replanning Using Dynamic Goal Creation for SAF and CGF 1430- 97F-SIW-002 Co- 1500 operative Agents for Modelling Operations Other Than War (OOTW) 1500- BREAK 1530 1530- 97F-SIW-060 A Flexible 1600 Human Behavior Structure Model to Support HLA Exercises 1600- 97F-SIW-190 1630 Ramifications of HLA- Compliance for Knowledge-based Simulations 1630- Planning for 1998 Spring 1700 SIW/Closing</p> <p><b>Logistics</b> <i>Largo(220)</i> 1330- Continued Workshop</p>	
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<p>1045- 97F-SIW-134 The HLA  1115 Federation Testing Process  1115- 97F-SIW-113 HLA Application  1145 Testing  1145- Discussion  1200</p>	<p>1500 Efforts Logistics FOM  Development Survey of  Potential Federates  1500- BREAK  1530  1530- Continued Workshop  1700</p>	
<p><b>APPLICATION TRACK</b></p>		
<p><b>Human Decision-Making and Behavior Representation</b></p>		
<p><i>Biscayne(238)</i></p>		
<p>0800- Introduction  0830</p>		
<p>0830- 97F-SIW-170 HUMAN FACTORS  0900 DATA SETS: PRELIMINARY FINDINGS</p>		
<p>0900- 97F-SIW-184 Cognitive Issues in  0930 the Development of Human Representation in Constructive Models</p>		
<p>0930- 97F-SIW-006 The Human Factors  1000 Effects on the Course of Battle. A Methodical Endeavor.</p>		
<p>1000- BREAK  1030</p>		
<p>1030- 97F-SIW-151 Modular Knowledge  1100 Acquisition Tool (M-KAT) -- An Efficient Extraction Methodology and Representation Scheme</p>		
<p>1100- 97F-SIW-052 NATO Long Term  1130 Scientific Study On Computer Generated Forces</p>		
<p>1130- 97F-SIW-068 Developing User-  1200 Composable Behaviors</p>		
<p><b>Logistics</b></p>		
<p><i>Largo(220)</i></p>		
<p>0800- Introduction  0815</p>		
<p>0815- Status of Current Work Efforts  1000 AMSO-Sutton / SOM  Development-McClendon / FOM  Development-Sinex / Logistics Support Tools-Jones / Integration of C4I into Logistics Systems-  Payne</p>		
<p>1000- BREAK  1030</p>		

	1030- Distributed Simulation 1100 Requirements for Logistics (Brainstorming Session) 1100- Review of Logistics FOM 1200 Strawman		
<b>Fri</b>	<b>Outbrief</b> <i>Amelia Biscayne, Captiva (434)</i> 0800-1200 Outbrief		