

Agenda for Research & Education Summit

TUESDAY, July 13, 2010

Note: all programs take place in ME Auditorium unless otherwise noted.

Time	Speaker	Program—Process	
0730 - 0815		REGISTRATION / Refreshments Available	
0815-0820	Provost Leonard Ferrari	Welcome Message from NPS Senior Leadership	
0820-0835	Dean of Research Karl van Bibber	Research Overview at NPS	
0835 - 0845	Joe Sullivan	MOVES Overview, Research & Education Summit Objectives	
0845 - 0930	Key Note Speaker: Simon Bradley	EADS Innovation Works	
0930 - 1000		BREAK	
Session 1: 1000-1200, Cornerstone Projects -- Session Chair: Amela Sadagic			
	Tony Ciavarelli	Application of a Multi-Agency Incident Command Control System Game Simulation for Tactics Validation	
	Amela Sadagic	New Generation of Physical Ranges for Infantry Training: Bringing in Sensor Systems and Virtual Reality Technologies	
	Rudy Darken	Using Code You Didn't Write: Redefining Composable, Interoperable Simulation	
	Mathias Kölsch	Persistent Surveillance and Cyber Forensics	
	Chris Darken	Behavior Synthesis for Small Unit Infantry	
	Steve Lieberman	Modeling Social Influence in Large Populations/ Web Tools for Fostering and Analyzing International Collaboration	
11:55am Afternoon Preview Announcement: Kölsch, McDowell and Wisher			
1200 - 1330	LUNCH		
Session 2a: 1330-1500, Certificate Programs and Continued Education		Session 2b: 1330-1500, Delta 3D	
Session Chair: Mathias Kölsch		Session Chair: Perry McDowell	
	Advanced Simulation Course for Army Senior Leadership – Gene Paulo	1330-1415	Moving Beyond a Commodity Engine – Perry McDowell
	A Snapshot of the Modeling and Simulation Community & Education – Mathias Kölsch	1415-1500	Improving Learning in Virtual Worlds – Brent Smith, ECS
	Education for the Acquisition Workforce – Gene Paulo		
	Updates from the MOVES PhD Program – Don Brutzman		
	CED3 Supporting NPS Distance Learning – Mike DiFranco & Phil McCullick		
1500 - 1515	BREAK		
Session 3: 1515 – 1630, Use of M&S in Distributed Learning -- Session Chair: Wisher			
	Dexter Fletcher	Models of Cognition in Distributed Learning Environments	
	Paul Jesukiewicz and Angelo Panar	M&S in Distributed Learning Architectures	
	Ed Sims and Judy Brown	M&S for Cross Cultural Communication	
1630 - 1830	Reception – Herrmann Hall/Quarterdeck		

**Agenda for Research & Education Summit
WEDNESDAY, July 14, 2010**

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Time	Speaker	Program—Process	
0730 - 0815		REGISTRATION / Refreshments Available	
Session 4: 0815-0945, HSCB Modeling -- Session Chair: Curt Blais			
	Steve Lieberman	Developing Social Networks from Survey Data for Multi-Agent Simulations	
	Chris Darken & Jeff Appleget	NPS Initiatives in HSCB Modeling	
	Imre Balogh	Crowd Behavior Modeling in COMBAT XXI	
09:40am Afternoon Preview Announcement: (Explanation of afternoon sessions/Demo Night)			
0945 - 1015		BREAK	
Session 5: 1015-1200, NMSO sponsored work -- Session Chair: Kevin Maher			
1015-1035	Arnie Buss	Discrete Event Component Architecture for Modeling Ships	
1035-1050	Wolfgang Baer	Interoperability Standards Cost Effectiveness Analysis Tool	
1050-1105	Neil Rowe	Extending Indoors the Automated Performance Assessment of Marine Integrative Training	
1105-1135	Tony Ciavarelli	Training Effectiveness Evaluation Methods: Marksmanship Training as Test Bed Application	
1135-1200	Ji Hyun Yang	Training Simulation for Complex Cognitive Tasks	
1200 - 1330		LUNCH	
1330-1415	Rick Satava	Healthcare Keynote address: Modeling and Simulation in Healthcare – Future Directions	
1415-1430		BREAK	
Session 6a: 1430-1630 Healthcare – Modeling & Simulation Session Chair: McCauley/Adams		Session 6b: 1430-1630 SAVAGE Research Group Session Session Chair: Don Brutzman	
Russell Shilling	Psychological Health Outreach and Treatment: Simulation, Social Networks, Games, and Other New Media	Don Brutzman	Savage Team Progress
Al Liu	Medical Education Modalities at National Capital Area Medical Simulation Center	Mike Bailey; Rick Hayes-Roth	Information Exchange Model (MIEM) XML Editor for Tracking Merchant Ship Information
KT Waxman	The California Simulation Alliance: An Academic/Service Partnership	Dale Tourtelotte	X3D Earth Visualization using Hamming Supercomputer Workflow
David Gaba	The Future Vision of Simulation in Healthcare	Loren Peitso	A Scalable Cloud-Based Architecture for Physically Based Virtual Environments
		Jeff Weekley	Ultra-High Resolution 4K Video
		Jeff Malnick	Tools for Web-based Learning and Assessment
1630 - 1830		DEMO Night – WA 275/285, WA 211, WA 212 A/B, WA 267. Refreshments Available	

**Agenda for Research & Education Summit
THURSDAY, July 15, 2010**

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Time	Speaker	Program—Process
0730 - 0800		REGISTRATION / Refreshments Available
Session 7: 0800-0930, Students past and present -- Session Chair: LTC Jon Alt, USA		
0805-0835	Major Craig Schwetje, USMC	Expeditionary Warfare Training Group Pacific
0835-0855	MAJ(P) William Glaser, USA	User Input Devices' Impact on Virtual Desktop Trainers
0855-0910	LtCol Sotiris Papadopoulos, GR	Representing Insurgents with the Cultural Geography Model
0910-0925	MAJ Michael Stinchfield, USA & MAJ Jason Caldwell, USA	Visual Detection of Improvised Explosive Devices
0930 - 0945		BREAK & Networking
Session 8: 0945-1115, M&S Sponsor and Partner Corner -- Session Chair: Joe Sullivan		
0945-1015	Todd Richmond	Counter-Insurgency to Counter-IED: A Tale of Two Sims
1015-1045	Gary Wentz	Fleet Synthetic Training
1045-1115	John Moore	Navy Modeling and Simulation Office Update
1115-1130	Joe Sullivan	Closing remarks
1145	Board of Advisors Luncheon – By Invitation Only	