





**A Roundtable on the Future of the
Modeling and Simulation
Profession, Industry,
and Marketplace**

Tuesday, September 21, 2010

9:00 - 12:00

Forum West 3

Observers welcome capacity permitting



Fall SIW 2010



Meeting Agenda

I. Introduction

II. Discussion

A. SimSummit Intention

B. Topical Scope and Focus

C. Participatory Scope and
Commitment

D. Operational Tempo

E. Relationship to Other Efforts

F. Survey

III. Conclusion

Meeting Agenda

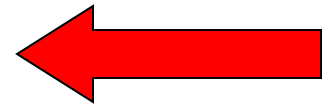
I. Introduction

A. SimSummit Organization and
Concept-of-Operations Review

B. Agenda Topics

II. Discussion

III. Conclusion



Executive Committee

- National Training Simulation Association (NTSA)
- Modeling and Simulation Society International (SCS)
- Simulation Interoperability Standards Organization (SISO)

SimSummit Concept

- What? - Round-table of preeminent M&S 'organizations'
- Who? – Interested organizations from Industry, Government and Academia ... facilitated by non-profit Societies
- When / Where? – Opportunistic overload of organized events
- Why? – Influence the future of the M&S Discipline, Profession, Industry, and Market
- How? – Collective, consensus-based discussion decision, and action

***SimSummit* Membership**

COMMERCIAL

AEgis Technologies Group, Inc.

The Boeing Company – Phantom Works

Booz-Allen Hamilton (BAH)CACI, Inc.

CACI Inc.

CAE Professional Services

Computer Sciences Corporation (CSC)

Dynamic Animation Systems (DAS)

Northrop Grumman

RAM Laboratories, Inc.

Raytheon Company

Science Applications International Corporation (SAIC)

Teledyne Brown Engineering

UK SeBA Forum

SimSummit Membership

EDUCATION

Arizona Center for Integrative Modeling and Simulation (ACIMS)

Auburn Modeling & Simulation Group (AMSG)

Georgia Tech – Modeling and Simulation Research & Education Center
(MSREC)

John Hopkins University – Applied Physics Laboratory (JHU/APL)

McLeod Institute of Simulation Sciences (MISS)

Old Dominion – Virginia Modeling, Analysis and Simulation Center (VMASC)

University of Alabama in Huntsville – Center for Modeling, Simulation and
Analysis (UAH CMSA)

University of Central Florida – Institute for Simulation and Training (IST)

***SimSummit* Membership**

PROFESSIONAL/INDUSTRIAL SOCIETIES

ACM Special Interest Group on Simulation (SIGSIM)

Alabama Modeling and Simulation Council (AMSC)

Liophant Simulation

McLeod Modeling and Simulation Network (M&SNet)

National Center for Simulation (NCS)

National Modeling Analysis Simulation and Training Coalition (NMASTC)

National Training Systems Association (NTSA)

New England Modeling and Simulation consortium (NEMSC)

Simulation Interoperability Standards Organization (SISO)

The Society for Modeling and Simulation International (SCS)

***SimSummit* Membership**

GOVERNMENT

DND Future Forces Synthetic Environment (FFSE)

DND Synthetic Environment Coordination Office (SECO)

Defence & Science Technology Laboratories Synthetic Environment Efforts

National Aeronautics & Space Administration (NASA)

NATO Modelling & Simulation Group (NATO-MSG)

National Institute of Standards & Technology (NIST)

UK Directorate of Analysis, Experimentation and Simulation (DAES)

U.S. Air Force Agency for Modeling and Simulation (AFAMS)

U.S. Army / Battle Command, Simulation & Experimentation Directorate

U.S. Coast Guard (USCG)

U.S. DoD / Modeling and Simulation Coordination Office (M&SCO)

U.S. Marine Corps Technology Division

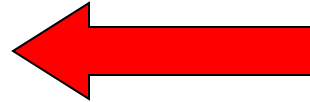
U.S. Navy / Navy Modeling and Simulation Office (NMSO)

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Power of a 'Topical Agenda'

TOPICAL AGENDAS:

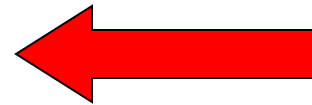
- Sensitize communities to significant shared issues and opportunities
- Frame the domain of debate, decision, and action
- Provide 'hooks' to which organizations and constituencies can subscribe (common) interest
- Provide loci for programmatic commitment and coordination of cooperative effort

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II. Discussion Topics



A. Technology

B. Workforce Development

C. Industrial Development

D. Business Practice

III. Conclusion

Technology

- Body of Knowledge (Index)
- Research Agenda
- Conceptual Modeling
- Simulation System Composition
- Credibility – VV&A
- Standards

Workforce Development

- Body of Knowledge (Index)
- Professional Competency Needs
- Instructional Curricula
- Code of Ethics
- Professional Certification
- Science Technology Engineering and Mathematics (STEM) Entailments
- Workforce Development Campaign Program

Industrial Development

- Industrial Identification – Self-conscious Recognition
- Organizational Relations
 - Industry
 - Professional Societies
 - Government (Legislature / Executive, Inter-Departmental, Multinational)
- Organizational Development
 - National Organizational Presence
- National M&S Enterprise Campaign

Business Practice

- NAICS Codes
- Labor Market Demand
- Investment Metrics (ROI etc.)
- Business Case Expression
- 'Economics of M&S' Program

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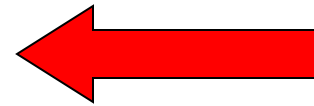
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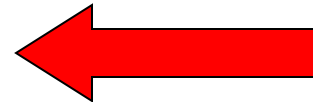


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A. Decision

B. Action