



**2010 Huntsville Simulation Conference (HSC2010)
Huntsville Marriott
October 26-28, 2010**

**Sponsor: Society for Modeling & Simulation International (SCS)
Host: Alabama Modeling and Simulation Council (AMSC)**

*Premier modeling and simulation technical conference in the southeast
Celebrating its 10th year in Huntsville*

*Huntsville is one of America's leading simulation centers with headquarters and branches of most all the
large M&S companies*

*HSC draws a great deal of local participation, yet still has solid national and international support
HSC boasts a large mix of industry, academic and government participation*

Join members of the M&S community from government, industry and academia to learn the latest advances, technologies and applications in M&S.

Visit and talk with M&S exhibitors from government, industry and academia.

Participate in panel discussion of critical issues in M&S.

WHY ATTEND

To ensure national security and minimize the risk to troops, decision maker must be able to envision future combat situations, conceptualize new weapons systems and evaluate their performance and manufacturability in a way that carries less risk, is quicker and is less costly than before. (M&S is key supporting technology)

To continue to perform well in the current economic climate, commercial manufacturers must be able to quickly innovate, design and produce the right product right the first time. (M&S is key supporting technology)

M&S is recognized as a national critical technology

CONFERENCE TOPICS (Technical presentations, workshops and panels):

TECHNICAL:

- M&S Research Agenda
- Simulation Development
 - Simulation System Requirements Management
 - Simulation Conceptual Modeling
 - Simulation Composition and Architecture Concepts
 - Simulation Credibility and User Value
 - Simulation Standards and Developmental Best Practice
- M&S Application
 - M&S in Transportation / Automotive industries
 - M&S in Bio-Technology and Life Science
 - M&S in MEMS and Nano-Technology
 - Sensors Modeling and Simulation

- M&S for Concept Definition and Systems Analysis

- M&S for Systems Test and Evaluation
- M&S for Training

WORKFORCE DEVELOPMENT:

- M&S Body of Knowledge Index
- M&S Curricula
- M&S Degree Programs
- M&S Professional Certification

M&S BUSINESS PRACTICE:

- M&S Investment and ROI Metrics
- M&S Business Case Specification
- M&S Industrial Classification
- Government - Industry collaboration in M&S development and use

CONTEXT:

- Systems Engineering
 - Systems-of-Systems Simulation
 - Complex-Systems Simulation
 - Systems Engineering Standards and conceptual modeling
- Program management
 - Program Management for M&S

HIGH STUDENTS CAN VISIT THE EXHIBITS AT NO COST

Classified Session is Paul Agarwal; pagarwal@colsa.com
Exhibitor is Jeanette Ostlund; Jeanette.ostlund@torchtechnologies.com and
Jean Graffagnini; Jean.Graffagnini.CTR@mda.mil

CALL FOR PAPERS: www.scs.org/hsc/2010

INFORMATION OF CLASSIFIED SESSION ON OCTOBER 26: Paul Agarwal
pagaral@colsa.com

EXHIBITOR SPACE: Jeanette Ostlund jeanette.ostlund@torchtechnologies.com
and Jean Graffagnini jean.graffagnini.CTR@mdamil

SPONSORSHIPS: Bill Waite BWaite@aegistg.com

CONFERENCE CHAIR: Ralph Weber Ralph.Weber@dynetics.com

Society for Modeling & Simulation International (SCS) was formed in 1952 and is the only technical society dedicated to advancing the use of M&S to solve real-world problems
Alabama Modeling and Simulation Council (AMSC) was formed in 2004 to promote the growth of the M&S Industry in Alabama