



National Modeling and Simulation Program Action Plan 2010 M&S Leadership Summit

Overview and Statement of Need

The Leadership Summits have built on the successes of the first with the passage of HR 187. Since that time, the Summits have increasingly addressed the national issues, across domain areas, and across regions of the nation. Our nation now faces critical issues going forward to include education, healthcare, and energy. We know in this community of practice that modeling and simulation technologies can be effective tools in identifying, designing, and implementing solutions to these critical national problems. It is, therefore, time for a broad-based, national approach to the use and integration of modeling and simulation technologies into a national plan and initiative. It is time to bring together the diverse resources of this community of practice into a consolidated focused, national plan. Therefore, it is proposed that the next M&S Caucus leadership Summit, to be held on 1 February 2010, establish an action plan for the nation.

Summit Theme and Event-Specific Objectives

Summit Theme

Realizing the Promise of HR 487: A Call to Action

Keynote Speech Objectives

- Focus on outcome of national plan
- Lay the groundwork for the four key domains: workforce development, technology R&D, business practice, and industrial development
- Identify the key issues (see workgroup areas below) that should be addressed in a specific action plan (campaign)

Panel Focus Objectives

A panel of experts representing the four domains identified above will speak to critical needs to be addressed at a national level in these areas and will lay the groundwork for the working groups to lay out a specific action plan. Each panelist will be prepared to address the following:

- Specific actions that should be considered in the four content areas of the plan (each panelist will represent at least one of the content areas and address the specific considerations within that area)
- Suggestions on what could be accomplished through implementation of the action/campaign plan



Working Group Objectives

The conference participants and speakers will be divided into four working groups. Each group will be assigned one of the major areas: workforce development, technology R&D, business practice, and industrial development.

Participants in each of the working groups will include the following:

1. One or two facilitators (*e.g.* committee members or other designated persons)
2. The panel speaker who addressed the particular topical issue the group was assigned
3. Invited working group members who have experience in addressing the issues of the group's topic ... these will be persons who our committee has pre-invited and pre-assigned to the working group... this group may have some preliminary discussion prior to the event
4. Other participants in the conference who have selected the particular topic of the working group

The working group will discuss an action/campaign plan to address the top issues associated with the specifics of these four areas. The outcome for each working group will be:

- A specific set of actions
- Preliminary assignments for action (by organization of responsibility)
- Timeline or schedule for accomplishment

Potential specific actions for discussion may include:

- TECHNOLOGY R&D
 - Body of Knowledge Index
 - Research Agenda
- WORKFORCE DEVELOPMENT
 - Curricular Development
 - STEM
 - Education Delivery
- INDUSTRIAL DEVELOPMENT (Organizational Relations)
 - Existing Organizations, Roles and Relationships
 - Prospective National Organization
- BUSINESS PRACTICE
 - NAICS
 - M&S Value proposition