



SYSTEMS ENGINEERING
Research Center

A US DoD University Affiliated Research Center

2nd Annual SERC Research Review: *Objectives and Agenda*

November 9-10, 2010

www.SERCuarc.org



ASRR Objectives

1. Consider evolving SE research needs and their impact on SERC research
2. Build a strong awareness among all attendees on current and recently completed SERC research projects including the Systems Security Engineering Roadmap and the SE Transformation Roadmap
3. Hear a short presentation on SE research capabilities from the three newest Collaborators,,: Maryland, Purdue and Georgia Tech
4. Unveil planned 2011 SERC operational changes and discuss additional operational needs
5. Discuss how to quickly disseminate SERC research results into broad practice and attain widespread adoption into the educational programs of Collaborator universities
6. Discuss how to integrate SE into the education of all undergraduate and graduate engineers at Collaborator universities



Tuesday's Agenda

8:00a-9:00a	<i>Registration and Continental Breakfast</i>
9:00a-9:15a	Welcome and Review of ASRR Objectives and Agenda
9:15a-9:45a	Update on SERC Status and 2011 Plans
9:45a-10:55a	Panel: Research Needs from Senior Government Representatives
10:55a-11:15a	<i>Networking Break</i>
11:15a-12:45p	Parallel Research Reviews
12:45p-1:45p	<i>Lunch</i>
1:45p-2:15p	Purdue's SE Research Capabilities
2:15p-3:15p	Panel by SERC Research Council: Future of Systems Engineering Research
3:15p-3:45p	<i>Networking Break</i>
3:45p-5:15p	Parallel Research Reviews
5:15p-6:45p	<i>Reception</i>

Wednesday's Agenda

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| 7:30a-8:30a | <i>Registration and Continental Breakfast</i> |
| 8:30a-8:45a | Recap of Previous Day |
| 8:45a-10:00a | Deans' Panel: Integrating Systems Engineering into the Education of All Engineers |
| 10:00a-10:30a | <i>Networking Break</i> |
| 10:30a-11:00p | Georgia Tech's Systems Engineering Research Capabilities |
| 11:00a-12:30p | Parallel Research Reviews |
| 12:30p-1:30p | <i>Lunch</i> |
| 1:30p-2:00p | University of Maryland's SE Research Capabilities |
| 2:00p-2:45p | Parallel Sessions for government and Collaborators to discuss their specific issues, evaluate the ASRR, and identify any follow on actions |
| 2:45p-3:00p | Plenary Closing Session and Adjourn |
| 3:00p-4:30p | SERC Executive Advisory Board Meeting (invitation only) |