



First Annual SERC Research Review

October 15-16, 2009

Pennsylvania State University, Malvern, PA

The Systems Engineering Research Center is the DoD University Affiliated Research Center focused on Systems Engineering Research in the United States.

Mission Statement

The mission of the Systems Engineering Research Center is to enhance and enable the DoD's capability in Systems Engineering for the successful development, integration, testing and sustainability of complex defense systems, services and enterprises.

Lead University



Principal Collaborator



Thursday, October 15, 2009

8:00 am - 9:00 am	<i>Continental Breakfast and Registration</i>
9:00 am - 9:15 am	<i>Opening Remarks - Dr. Art Pyster, General Chair PSU Overview - Dr. James Nemes, Host Chair</i>
9:15 am - 9:45 am	<i>KEYNOTE ADDRESS- Zachary J. Lemnios, Director, DDR&E [Introduction by Kristen Baldwin]</i>
9:45 am - 10:15 am	<i>KEYNOTE ADDRESS - Kelly Miller, Deputy Chief Information Officer, Mr. Charles H. Brown, Acting Director of Research - National Security Agency [Introduction by Dennis Barnabe]</i>
10:15 am - 10:30 am	<i>Break</i>
	Collaborator presentations by their research leads
10:30 am - 10:45 am	<i>Technical Overview - Dr. Barry Boehm, Technical Chair</i>
10:45 am - 11:15 am	Stevens Institute of Technology [Dr. Jon Wade]
11:15 am - 11:45 am	University of Southern California [Dr. Azad Madni]
11:45 am - 12:15 pm	Pennsylvania State University [Dr. Colin Neill]
12:15 noon - 1:00 pm	<i>Lunch</i>
1:00 pm - 1:30 pm	Air Force Institute of Technology [David Jacques]
1:30 pm - 2:00 pm	Carnegie Mellon [Dr. William Scherlis]
2:00 pm - 2:30 pm	University of Virginia [Dr. Barry Horowitz]
2:30 pm - 3:00 pm	Auburn University [Dr. Drew Hamilton]
3:00 pm - 3:30 pm	<i>Break</i>
3:30 pm - 5:00 pm	Roundtable Discussion - 4 key topics
5:00 pm - 7:00 pm	<i>Evening Reception with Collaborator Posters</i>



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Collaborators

Auburn University
Air Force Institute of Technology
Carnegie Mellon University
Fraunhofer Center at UMD
Massachusetts Institute of Technology
Missouri University of Science and Technology (S&T)
Naval Post Graduate School
Pennsylvania State University
Southern Methodist University
Texas A&M University
Texas Tech University
University of Alabama in Huntsville
University of California-San Diego,
University of Maryland
University of Massachusetts
University of Virginia
Wayne State University

How does SERC serve the DOD?

The Systems Engineering Research Center will operate as the systems engineering research engine for the DoD. SERC will be responsible for identifying, evaluating, creating and integrating methods, processes and tools that support effective systems engineering practice in the acquisition of weapons, platforms, major defense systems, systems of systems, network-centric systems and enterprise systems.

7:00 am - 7:55 am
7:55 am - 8:00 am
8:00 am - 8:30 am
8:30 am - 9:00 am
9:00 am - 9:30 am
9:30 am - 10:00 am
10:00 am - 10:30 am
10:30 am - 11:00 am
11:00 am - 11:30 am
11:30 am - 12:30 pm
12:30 pm - 1:00 pm
1:00 pm - 1:30 pm
1:30 pm - 2:00 pm
2:00 pm - 2:40 pm
2:40 pm - 2:50 pm
2:50 pm - 3:00 pm
3:00 pm - 3:30 pm

Friday, October 16, 2009

Continental Breakfast

Opening Remarks - Dr. Art Pyster, General Chair

Collaborator presentations by their research leads

Texas Tech University [Dr. Tim Matis]

Naval Post Graduate School [Dr. David Olwell]

Southern Methodist University [Dr. Liguo Huang]

Break

Texas A&M University [Dr. Abhi Deshmukh]

Fraunhofer Center at UMD [Dr. Forrest Shull]

University of Alabama in Huntsville
[Dr. Paul Componation]

Lunch

University of Massachusetts [Dr. Leon Osterweil]

Missouri University of Science and Technology (S&T)
[Dr. Cihan Dagli]

Wayne State University [Dr. Kim Kuoung-Yun]

Summary of Roundtable Results

Closing Remarks by Kristen Baldwin and Dennis Barnabe

Closing Remarks - Stas Tarchalski, Project Manager,
ASRR

Departure for Airport, Train station