



Agenda

Location: Georgetown University Hotel and Conference Center, Salon DG		
8:00a-8:45a	Registration and Continental Breakfast	
8:45a-9:00a	Welcome <i>Dr. Spiros Dimolitsas, Senior Vice President for Research & Chief Technology Officer, Georgetown University</i>	
Sponsor Perspective and Challenges		
9:00a-9:30a	Keynote Address <i>Mr. Alan R. Shaffer, Acting Assistant Secretary of Defense for Research and Engineering and SERC Sponsor</i>	
State of the SERC		
9:30a-9:45a	SERC Progress and Strategic Direction <i>Dr. Dinesh Verma, SERC Executive Director and Dean of the School of Systems and Enterprises, Steven Institute of Technology</i>	
9:45a-10:00 a	2014-18 SERC Technical Plan <i>Dr. Art Pyster, SERC Chief Operating Officer and Distinguished Research Professor, Stevens Institute of Technology</i>	
10:00a-10:30a	Networking Break and opportunity to view SERC posters	
Research Reviews: Two parallel tracks with 40-minute sessions providing in-depth discussions on SERC research projects		
	Human Capital Development, Salon DG	SE and Systems Management Transformation, Salon E
10:30a-11:10a	SE Body of Knowledge and Graduate Curriculum: <i>Dr. Dave Olwell, Naval Postgraduate School</i> and Helix - "DNA" of Systems Engineers: <i>Dr. Art Pyster, Stevens</i>	ilities Tradespace and Affordability: <i>Dr. Barry Boehm, University of Southern California</i>
11:15a-11:55a	Engineering Capstone Marketplace: <i>Dr. Mark Ardis, Stevens</i>	Interactive Model-Centric SE: <i>Dr. Adam Ross, Massachusetts Institute of Technology</i>
12:00p-12:30p	LUNCH (Catered Sandwich Bar) and Opportunity to View SERC Project Posters	
12:30p- 1:00p	Keynote Address <i>Mr. Stephen P. Welby, Deputy Assistant Secretary of Defense for Systems Engineering Office of the Assistant Secretary of Defense for Research and Engineering</i>	
1:00p-1:40p	Experience Accelerator: <i>Dr. Jon Wade, Stevens</i>	Agile and Lean/Kanban SE <i>Dr. Richard Turner, Stevens</i>
	Enterprise and Systems of Systems, Salon DG	Trusted Systems, Salon E
1:45p-2:25p	Enterprise SE & Modeling: <i>Dr. Bill Rouse, Stevens</i>	Trust under Uncertainty - Quantitative Risk: <i>Dr. Gary Witus, Wayne State University</i>
2:30p-3:10p	SoS Analysis pt. 1: <i>Dr. Dan DeLaurentis, Purdue University</i>	Systemic Security: <i>Dr. Rick A. Jones, University of Virginia</i>
3:15p-3:55p	SoS Analysis pt. 2: <i>Dr. Cihan Dagli, Missouri S&T University</i>	Systemic Assurance: <i>Dr. Bill Scherlis, Carnegie Mellon University</i>
4:00p-4:10p	Networking Break and opportunity to view SERC posters	
Panel & Executive Advisory Board		
4:15p-5:30p	Executive Advisory Board (by invitation only) - Salon E <i>Chair: Ms. Kristen Baldwin, Principal Deputy, Office of the Deputy Assistant Secretary of Defense for Systems Engineering</i>	
4:15p-5:30p	Panel on Networked Research and Education - Salon DG <i>Chair: Dr. Bill Rouse, Panelists: Dr. Dan DeLaurentis, Dr. Dave Olwell, Dr. Bill Scherlis,</i>	
Best Student Paper Award, Salon DG		
5:30p-5:45p	First Annual SERC Best Paper Award	
Reception - Location: Georgetown University Hotel and Conference Center, Faculty Club B Restaurant (5:45p-8:00p)		



SYSTEMS ENGINEERING Research Center

5th Annual SERC Sponsor Research Review

Welcome!

On behalf of the Systems Engineering Research Center (SERC) Leadership Team, Georgetown University, and the Georgetown University Hotel and Conference Center, welcome to the 5th Annual SERC Sponsor Research Review. This is a milestone event for the SERC – It marks the completion of the SERC’s 5-year founding contract with the Department of Defense (DoD). As a result of the wealth of Systems Engineering research that the SERC collaborators conducted over the duration of the contract and the great impact that this research has achieved within the DoD and other Federal Departments and Agencies, we are pleased to announce that the DoD has renewed the SERC contract for another 5 years.

This year, we are extremely fortunate and honored to have both Mr. Alan R. Shaffer, Acting Assistant Secretary of Defense for Research and Engineering, and Mr. Stephen P. Welby, Deputy Assistant Secretary of Defense for Systems Engineering, as our Keynote Speakers. Mr. Shaffer will provide his remarks and perspectives in the morning, and Mr. Welby will deliver his address immediately following lunch.

Today’s program includes morning presentations on SERC progress, strategic direction, and the recently approved SERC 5-year Technical Plan. The afternoon consists of research reviews that are split into two parallel tracks of 40 minute sessions providing in-depth discussions of SERC research conducted over the prior year.

Following the afternoon research reviews, we will rejoin as a group for a panel discussion on Networked Research and Education. To close the day, we end with the First Annual SERC Best Paper Award to be immediately followed by a reception in the West Lobby.

We are pleased that you have joined us for this event and sincerely hope that you enjoy the program.

