



SERC RESEARCH REVIEW 2024

November 12, 2024
Washington, DC



8:00 AM	Registration and Networking
8:30 AM	Welcome and Opening Remarks <i>Dr. Dinesh Verma, Executive Director, SERC & AIRC</i>
8:45 AM	Executive Panel <i>(Moderator) Dr. Dinesh Verma, Executive Director, SERC & AIRC</i> <i>Ms. Kristen Baldwin, SES, Deputy Assistant Secretary of the Air Force for Science, Technology, and Engineering, Office of the Assistant Secretary of the Air Force (Acquisition, Technology and Logistics)</i> <i>Ms. Jennifer Swanson, SES, Deputy Assistant Secretary of the Army for Data, Engineering & Software</i> <i>Mr. Thomas Simms, SES, Principal Deputy Executive Director, Systems Engineering and Architecture (SE&A), OUSD(R&E)</i>
10:00 AM	Networking Break
10:20 AM	Keynote <i>HON. Dr. Douglas C. Schmidt, Director, Operational Test & Evaluation, Office of the Secretary of Defense (OSD)</i>
11:15 AM	Trust and Trustworthiness in AI-Enabled Systems SERC STRATEGIC TALK <i>Dr. Zoe Szajnfarber, The George Washington University</i>
11:40 AM	Trusted AI SE Challenge <i>Dr. Peter Beling, Virginia Tech</i>
12:00 PM	Lunch
1:00 PM	Digital Engineering for Test and Evaluation <i>Dr. Laura Freeman, Virginia Tech</i>
1:30 PM	Transforming SE to MBSE and Roadmapping a Framework of Computationally Enabled Ontologies for Digital Engineering <i>Dr. Mark Blackburn, Stevens Institute of Technology</i>
2:00 PM	Improving and Assessing Architectures and Architecture Decision Making <i>Dr. Bryan Mesmer, The University of Alabama in Huntsville</i>
2:30 PM	Digital Materiel Management / Digital Engineering Strategy <i>Ms. Phil Zimmerman, Stevens Institute of Technology</i> <i>Mr. Tom McDermott, Stevens Institute of Technology</i>
3:00 PM	Networking Break
3:20 PM	Space Systems Command Military Communications & Positioning, Navigation, and Timing Directorate – Mission Engineering and Integration of Emerging Technologies <i>Dr. Michael Orosz, University of Southern California</i>
3:50 PM	Secure Cyber-Resilient Engineering Methods and Tools SERC STRATEGIC TALK <i>Dr. Peter Beling, Virginia Tech</i> <i>Mr. Tom McDermott, Stevens Institute of Technology</i>
4:10 PM	Center for Offshore Wind Energy Cyber Vulnerabilities and Threat Identification <i>Dr. Sachin Shetty, Old Dominion University</i> <i>Dr. Peter Beling, Virginia Tech</i>
4:40 PM	Closing Remarks <i>Dr. Dinesh Verma, Executive Director, SERC & AIRC</i>
5:00 PM - 6:30 PM	Networking Reception