<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00a–8:30a</td>
<td><strong>Registration, Breakfast and Welcome</strong></td>
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<tr>
<td>8:00a–8:30a</td>
<td>Welcome from the SERC Executive Director and Chief Scientist</td>
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<td>Dr. Dinesh Verma, Executive Director, SERC and Dr. Barry Boehm, Chief Scientist and Chair, Research Council, SERC</td>
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<tr>
<td>8:30a–8:35a</td>
<td><strong>Kickoff and Welcome</strong></td>
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<td>Dr. Yehia Massoud, Dean, School of Systems and Enterprises - Stevens Institute of Technology</td>
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<tr>
<td>8:35a–9:00a</td>
<td><strong>Systems Engineering Perspectives for Today’s Environment</strong></td>
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<td>Dr. Paul Kaminski, Chairman &amp; CEO, Technovation, Inc.</td>
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<tr>
<td>9:00a–9:10a</td>
<td><strong>Sponsor Perspective and Challenges</strong></td>
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<tr>
<td>9:00a–9:10a</td>
<td>Introductory Remarks</td>
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<td>Ms. Kristen Baldwin, Deputy Director, Strategic Technology Protection and Exploitation, ASD(R&amp;E)</td>
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<tr>
<td>9:10a–10:00a</td>
<td><strong>Keynote Address</strong></td>
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<tr>
<td>9:10a–10:00a</td>
<td>Morning Keynote Address</td>
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<td>Mr. Paul Scharre, Senior Fellow and Director, Technology and National Security Program, Center for a New American Security; Author of <em>Army of None: Autonomous Weapons and the Future of War</em></td>
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<tr>
<td>10:00a–10:15a</td>
<td><strong>Poster and Networking Break</strong></td>
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<td>10:00a–11:40a</td>
<td><strong>Research Reviews: Four parallel tracks with 40-minute sessions providing in-depth discussions on SERC research projects</strong></td>
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<tr>
<td>10:15a–10:55a</td>
<td><strong>Track 1: SE and Management Transformation (SEMT)</strong> (Vista Room)</td>
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<td></td>
<td>Identifying and Measuring Modularity Violations in Cyber-Physical Systems</td>
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<td>Lu Xiao, Stevens</td>
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<td>10:15a–10:55a</td>
<td><strong>Track 2: Model-Centric Systems Engineering (Angle Room)</strong></td>
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<td>PEO Missiles &amp; Space Systems Engineering Methods</td>
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<td>Brock Birdsong, Auburn</td>
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<td>10:15a–10:55a</td>
<td><strong>Track 3: Trusted, Critical &amp; Resilient Systems (Balcony Room D)</strong></td>
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<tr>
<td></td>
<td>Human Machine Teaming Concepts for Resilient Cyber Physical Systems</td>
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<td>Inki Kim, UVA</td>
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<td>10:15a–10:55a</td>
<td><strong>Track 4: Human Capital Development (Balcony Room E)</strong></td>
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<td>SE Research Needs and Workforce Development Assessment (Pathfinder)</td>
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<td>Dinesh Verma, Stevens</td>
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<td>11:00a–11:40a</td>
<td><strong>Track 3: Trusted, Critical &amp; Resilient Systems (Balcony Room D)</strong></td>
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<td>Systemic Security and the Role of Hierarchical Design in Cyber-Physical Systems</td>
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<td>Val Sitterle, Georgia Tech</td>
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<td>11:00a–11:40a</td>
<td><strong>Track 4: Human Capital Development (Balcony Room E)</strong></td>
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<td>Workforce Evolution (Helix)</td>
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<td>Nicole Hutchison, Stevens</td>
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<td>11:45a–12:30p</td>
<td><strong>Track 4: Human Capital Development (Balcony Room E)</strong></td>
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<td>SE Experience Accelerator</td>
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<td>John Wade, Stevens</td>
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<tr>
<td>12:30p–1:00p</td>
<td>Lunch (Catered) and Opportunity to View SERC Project Posters</td>
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<tr>
<td>1:00p–1:30p</td>
<td><strong>Lunchtime Keynote Panel</strong> - IAWG Leadership Panel, Moderated by Ms. Kristen Baldwin</td>
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<td>1:30p–1:45p</td>
<td>Poster and Networking Break</td>
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<tr>
<td>1:45p–2:25p</td>
<td><strong>Track 1: SEMT</strong> (Vista Room)</td>
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<td><strong>Track 2: Model-Centric SE</strong> + (Angle Room)</td>
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<td><strong>Track 3: Trusted Systems</strong> + (Balcony Room D)</td>
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<td><strong>Track 5: Enterprise and Systems of Systems</strong> + (Balcony Room E)</td>
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<td>2:30p–3:10p</td>
<td><strong>Track 1: SEMT</strong> (Vista Room)</td>
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<td>System Qualities (SQs) tradespace and Affordability Barry Boehm, USC</td>
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<tr>
<td>3:15p–3:55p</td>
<td><strong>Track 1: SEMT</strong> (Vista Room)</td>
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<td>Electronics Survivability and Product Assurance in Harsh Environments Pradeep Lall, Auburn</td>
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<tr>
<td>4:00-5:00p</td>
<td>Poster and Networking Session</td>
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