



WEDNESDAY
 NOVEMBER
 7 2018

SERC DOCTORAL STUDENTS FORUM

Reception to immediately follow at 5pm

Time: 12:00 - 5:00PM

LOCATION: FHI360 CONFERENCE CENTER
 1825 CONNECTICUT AVE NW, 8TH FLOOR,
 WASHINGTON, DC 20009

<i>Opening Remarks</i>	
12:15p–12:50p	Registration, Check-in, and Networking Time
12:50p–1:00p	Welcome and Introductions Dr. Dinesh Verma, <i>Executive Director, SERC</i>
1:00p–1:10p	Opening Remarks from the SERC Executive Sponsor D. Scott Lucero, <i>SERC Program Manager, Office of the Deputy Director of Research and Engineering for Advanced Capabilities, Mission Engineering and Integration</i>
<i>SERC Doctoral Fellow Presentations</i>	
1:15p-1:40p	<i>Bridging the gap between security and modularity</i> Giselle Bonilla-Ortiz, Raytheon SERC Doctoral Fellow
1:40p–2:05p	<i>Inference engine applied to school security for robot-man teaming</i> Jorge Buenfil, ARDEC-Picatiny Arsenal SERC Doctoral Fellow
2:05p–2:30p	<i>Model-Based Approach for Resilience and Affordability Tradeoff Analysis</i> Marilee J. Wheaton, Aerospace SERC Doctoral Fellow
2:30p–3:00p	Break
3:00p–3:25p	<i>Modeling spacecraft design activities as rugged fitness landscapes</i> Stephanie Chiesi, Raytheon SERC Doctoral Fellow
3:25p–3:50p	<i>Mathematical Evaluation of Conceptual Design Methods</i> Morgan Nicholson, Doctoral Student, University of Alabama-Huntsville
3:50p–4:15p	<i>A Hybrid Simulation Model for Open Software Development Processes</i> Razieh Saremi, Doctoral Student, Stevens Institute of Technology
4:15p–4:40p	<i>COSYSMO 3.0: An Extended, Unified Cost Estimating Model for Systems Engineering.</i> Jim Alstad, Doctoral Student, University of Southern California
4:40p–5:05p	<i>Software Quality Understanding by Analysis of Abundant Data (SQUAAD)</i> Pooyan Behnamghader, Doctoral Student, University of Southern California
<i>SDSF Keynote Address</i>	
5:15p–6:00p	Dr. Wouter Leibbrandt, Science and Operations Director, Embedded Systems Institute at TNO – the Netherlands Organization for Applied Scientific Research
6:00pm – 7:00pm	Reception