



**SYSTEMS  
ENGINEERING  
RESEARCH CENTER**

# SERC DOCTORAL STUDENT FORUM 2024

November 13, 2024

Washington, DC

---

8:30 AM Introduction

---

8:45 AM Examination of Community Responses to Hurricane Evacuation Orders Using High-Fidelity Mobility Data  
*Dr. Harsh Anand, University of Virginia*

---

9:15 AM Impact of Technical Measure Omission in Systems Design Frameworks  
*Ms. Casey Eaton, The University of Alabama in Huntsville*

---

9:45 AM Networking Break

---

10:05 AM Towards A Hetero-functional Graph Theory Approach to MegaProject Management  
*Mr. Seyed Amirreza Hosseini, Stevens Institute of Technology*

---

10:35 AM Exposing Bad Behavior in Operational Systems  
*Mr. John Phillips, Naval Postgraduate School*

---

11:05 AM A Systems Engineering Methodology for Integrating Autonomy with System of Systems and Conducting Data-Driven Trade Study Analyses  
*Mr. Mohammedreza Torkjazi, George Mason University*

---

11:35 AM Closing Comments and Boehm Award Presentation

---

12:00 PM Adjourn

---

## The Boehm Award

Presenters at the SERC Doctoral Student Forum compete for Dr. Barry Boehm Award for Doctoral Student Research Excellence, named for the first SERC Chief Scientist and a giant in the field of systems engineering. Read more about this award and Dr. Boehm's career via the QR code.

