

CALL FOR PAPERS

17th Annual Conference on Systems Engineering Research
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CONFERENCE ANNOUNCEMENT

Stevens Institute of Technology and Virginia Tech present the 17th Annual Conference on Systems Engineering Research (CSEAR). CSEAR has become the primary conference for disseminating systems engineering research and germinating new research ideas. Its primary objective is to provide a common platform for academia, industry, and government to present, discuss, and influence systems engineering research, practice, and education. Current and prospective doctoral students are invited to attend the Systems Engineering & Architecting Network for Research (SEANET) workshop on April 2, 2019. Research challenges and strategies for success in graduate research will be discussed.

April 3-4, 2019

National Press Club

529 14th Street Northwest, Washington, DC 20045

CALL FOR PAPERS

The 17th Annual Conference on Systems Engineering Research (CSEAR) invites authors to submit papers that push the boundaries of systems engineering research and respond to new challenges for systems engineering. The conference focuses on theoretical work in systems engineering and its translation to practical application. The conference will include research papers, plenary speakers, panels, and interactive sessions where attendees can engage in discussions and idea generation. Submission instructions will be available on the conference website.

Papers are invited in all traditional activities of systems engineering, with special emphasis on applications to the following areas:

1. System Security
2. Model Based Engineering
3. Agile Development and Modular Designs
4. SE for Autonomous Systems and Leveraging AI and ML
5. Resilience Modeling and System Trust
6. Design Uncertainty and Quantitative Risk Modeling
7. Complexity Modeling and Assessment
8. Theoretical Insights for Systems Engineering

IMPORTANT DEADLINES

Manuscript Submission	November 1, 2018
Acceptance Notification	January 15, 2019
Camera-ready Paper Submission	February 20, 2019

ORGANIZING COMMITTEE

Dinesh Verma, Conference Chair, Stevens Institute of Technology, dverma@stevens.edu

Michael Pennock, Technical Co-Chair, Stevens Institute of Technology, mpennock@stevens.edu

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