

Call for Papers: Special Issue on “CSER 2018 Systems Engineering in Context”

The Editors-in-Chief and Editorial Board of the Springer journal **Environment, Systems, & Decisions**, and the organizers of CSER 2018 16th Annual Conference on System Engineering Research, announce a Call for Papers for a Special Issue of the journal that will feature top papers that are presented at CSER 2018. To be eligible for the special issue, an author must be registered and presenting at the CSER 2018. Manuscript submissions are either proffered by authors and/or nominated by the program committee of the CSER.

The 16th Annual Conference on System Engineering Research (CSER) will be held on **May 8-9, 2018** at the University of Virginia, Charlottesville, Virginia, USA. The CSER offers researchers in academia, industry, and government a common forum to present, discuss, and influence systems engineering research. It provides access to forward-looking research from across the globe, by renowned academicians as well as perspectives from senior industry and government representatives. Co-founded by the University of Southern California and Stevens Institute of Technology in 2003, CSER has become the preeminent event for researchers in systems engineering across the globe.

Topics include though are not limited to the following:

Systems in context:

- Formative methods: requirements
- Integration, deployment, assurance
- Human Factors
- Safety and Security

Decisions/ Control & Design; Systems Modeling:

- Optimization, Multiple Objectives, Synthesis
- Risk and resiliency
- Collaborative autonomy
- Coordination and distributed decision-making

Prediction:

- Prescriptive modeling; state estimation
- Stochastic approximation, stochastic optimization and control

Integrative Data engineering:

- Sensor Management
- Design of Experiments

Inquiries regarding this Call for Papers should be directed to the Guest Editors for the special issue:

Peter A. Beling pb3a@virginia.edu, **William T. Scherer** wts@virginia.edu, and **Cody H. Fleming** fleming@virginia.edu

Online submission: <https://www.editorialmanager.com/envr/default.aspx>

Please designate the “ESD Special Issue on *CSER 2018 Systems Engineering in Context*”.

Authors are encouraged to submit manuscripts prior to **May 1, 2018**, though review of manuscripts begins upon submission. Accepted papers will be published online immediately after the galley proof is finalized and subsequently in the printed version of the Special Issue, which is expected in Fall 2018.