Overview

The 14th Annual Conference on Systems Engineering Research (CSER) invited authors to submit papers that push the boundaries of systems engineering research and respond to new challenges for systems architecting and engineering. Since its inception, CSER has become the primary conference for disseminating systems engineering research and germinating new research ideas.

The best systems engineering delivers transformation impact to its customers. As a not-for-profit organization that operates research and development centers sponsored by the federal government, The MITRE Corporation takes on some of our nation’s most critical challenges and provides innovative, practical solutions. This award recognizes the research paper that best describes the practices that led to, or are leading to, an influential transition of systems engineering research into systems engineering practice.

Objectives

- To recognize the importance of applied systems engineering research.
- To promote partnership across leading edge researchers, university research programs, government sponsors and industry partners.
- To create broader awareness of successful methods, processes and tools used to develop and prepare research for transition into practice.

Selection Criteria

The MITRE review panel uses the following criteria for award determination:

- The CSER program and technical committee have accepted the paper.
- The paper’s scope is appropriate for systems engineering issues in critical application areas (e.g. defense, financial systems, healthcare policy and delivery, urban systems, homeland security, aviation, transportation, etc.)
- The paper demonstrates the potential for transformational impact in process, analysis or technology in the application domain.
- The paper describes: demonstrated transition with associated impact of the research, ongoing transitional process with associated initial impact, or the planning involved to sequence the research for transition and the associated potential impact.

Award Summary

The award prize value is $2000, which will be divided among the authors listed in the accepted paper.

The award determination will be announced on the final day of the CSER conference, March 24, 2016.

The award seeks to recognize the best transition of systems engineering research into application.

The award will be presented annually at the CSER conference.

Awarded author(s) will be invited to present the paper at MITRE.

Awarded author(s) may submit papers in future CSER events, however new application areas are required for award consideration.

Copyright ownership remains unchanged by submission of the paper for consideration.