

The **Systems Engineering Division (SED)** promotes education in systems thinking, systems engineering, and systems science at all levels of education, and for different delivery modes including distance education, hybrid and traditional classroom delivery. SED invites abstracts for papers and proposals for an array of sessions including technical sessions, tutorial/workshops, panel discussions, and distinguished speakers.

This year the SED is excited to offer: two new session formats/topics:

1) 5-Minute Work-In-Progress Session: This special format session gives authors of Work-in-Progress (WIP) papers the opportunity to pitch their work with a two-slide (back and front of a postcard) overview of their work in five minutes or less. After all pitches are made, attendees will have the opportunity to visit with and give feedback to the authors.

2) Joint Diversity session to include papers on diversity, equity, and inclusion in engineering, with the IE, SE, and EM divisions. SED encourages papers in these topics.

The SED is looking for submissions that address one or more aspects of systems engineering education, including but not limited to:

- New or innovative approaches and methods for teaching, developing, assessing, and certifying SE concepts and skills, and for bringing real-world SE to the classroom
- Curricular strategies, advancements, and lessons learned to foster SE integration
- Collaborative educational efforts and initiatives with industry or government partners
- Integration of systems-based approaches in traditional engineering or non-engineering curriculum and across various domains and P-12 (e.g. health, transportation, entertainment...)
- Implications of ABET EAC changes to teaching concepts, principles, and practices for all engineering programs
- Vision, roles and direction for SE education

All paper submissions are publish-to-present. Submission may include classroom applications, exploratory topics, research reports, and works in progress. Abstracts shall be 250-350 words in length. Paper submission is a two-step review process consisting of an abstract submission, review and potential acceptance, followed by a full manuscript submission, review and potential acceptance. At least one author for each paper is required to register for and present the paper at the conference. Submission guidelines and deadlines, along with other pertinent information, are available on the ASEE 2019 Annual Conference website.

All paper submissions will be considered for the **SED Best Paper Award**.

For more information, please contact:

Alejandro Salado, Systems Engineering Division Program Chair, at asalado@vt.edu.