

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 three special 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) *Arts and Engineering*: This session will include papers on partnerships with non-traditional disciplines/domains to improve systems engineering education.

3) *Vision for Systems Engineering Education in 2030*: Unlike other engineering disciplines, systems engineering programs have not settled on a common curriculum. This session includes papers that imagine what systems engineering curriculum will look like in a decade's time.

In addition to the three special sessions, SED is looking for submissions that address one or more aspects of systems engineering (SE) education, including but not limited to:

- Systems thinking approaches taught in non-SE courses
- Curricular strategies, advancements, and lessons learned to foster SE integration
- Collaborative educational efforts and initiatives with industry or government partners
- Diversity, equity, and inclusion in SE education
- Incorporating real-world SE challenges in the classroom
- Integration of SE education across other engineering and non-engineering disciplines/domains
- P-12 SE education and educational outreach
- Implications of ABET EAC changes to teaching SE
- SE assessment methods, competency development, and certification
- Use of SE modeling, simulation, methods, and tools in the classroom

Submissions are welcome from any discipline that leverages SE principles either to develop curriculum or as part of the curriculum. 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.

For more information, please contact:

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