SySTEAM

INCOSE SySTEAM mini-conference

Dates: July 27 -28, 2023 (Day 1: 11AM to 4PM Eastern; Day 2: 9AM to 1PM Eastern)
Location: Online, via Zoom (register at: bit.ly/43aD71v – registrations due July 25)
Who can attend: Anyone! Registration is free - register anytime up until 2 days beforehand (July 25)
Contact: SySTEAM Program Director, Caitlyn Singam (caitlyn.singam@incose.net)
Website: incose.org/systeam

The inaugural INCOSE SySTEAM mini-conference is a free, two-day online event intended to provide individuals from around the globe with the opportunity to convene, discuss, and exchange ideas relating to the intersection between systems STEM/STEAM education and systems competencies through a combination of contributed talks/posters and roundtable discourse among attendees.

Call for presentations:

We are currently seeking paper & poster presentations for the SySTEAM mini-conference highlighting current, emerging, and future trends in interdisciplinary systems education/training from the perspectives of educators, STEAM industry professionals, and other stakeholders. **All interested individuals are encouraged to submit, including members of the general public**, as long as they would be able to present their content at the mini-conference. Submissions may take the form of case study presentations based on learned experience, original research studies, meta-analyses, critiques of policy/practice, etc., so long as they contribute to SySTEAM's overall mission of improving education worldwide through the greater integration of systems content into all levels of education/training. Participants are highly encouraged to ground their content in reference to both existing knowledge (prior studies, existing policy, etc.) and new/emerging knowledge from their own analyses.

Suggested topics include, but are by no means limited to:
- Best practices in teaching interdisciplinary competencies
- Trends in employer recognition of systems engineering skills
- New methods for integrating systems content into STEAM curricula
- Case studies in improving outreach/awareness of systems engineering competencies

Call for peer reviewers:

We are currently seeking qualified individuals to serve as volunteer peer reviewers for the SySTEAM mini-conference. **Individuals with expertise in the education sector/teaching, systems engineering, and/or in interdisciplinary fields are particularly encouraged to apply.** Prior peer reviewing experience is preferred but not required. Volunteers do not need to be SySTEAM members (though they're encouraged to join!) and are encouraged, but not obligated, to attend the mini-conference.

You can volunteer via the mini-conference registration form or via bit.ly/4377KVH. Volunteers who qualify to be peer reviewers will be asked to review submissions related to their field of expertise, and to provide anonymous input regarding the content/quality of the content. Peer reviewers' input will be used to select submissions for the mini-conference and to provide feedback to authors.

Conference registration & submission portal: bit.ly/43aD71v (or the QR code below)
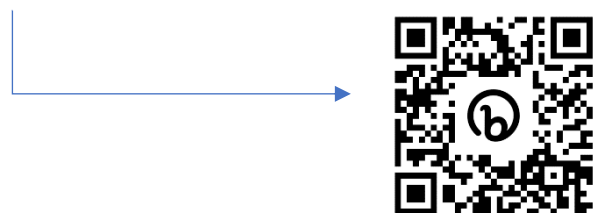
Important dates:
Abstract submissions: due May 15, 2023
Acceptance notification: by May 29, 2023
Paper/poster submissions due: due July 1, 2023
Camera-ready presentations: due July 24, 2023
Registration for attendees: anytime before July 25, 2023

Abstracts should be 200-400 words. Authors are encouraged to write their abstracts to highlight:

(1) the objective(s) of their presentation (what are you discussing and why is it important?)
(2) why the content is new & of interest (how is it of interest to SySTEAM and the stakeholders it supports? What makes it stand out?)
(3) the main takeaways from their presentation (what knowledge will the audience gain?)

Authors will have the option of submitting their abstracts along with their conference registration via the main portal (preferred method – link: bit.ly/43aD71v), or submitting their abstracts after registration using a separate form: (post-registration submission link: bit.ly/3Gj745R). Abstracts only need to be submitted once, and either form will work as long as they are received ahead of the May 15th deadline.

You do not need to submit a poster or paper at the time you submit your abstract. Selected abstracts will be notified by May 29th, at which point authors will be asked to develop either a paper or poster presentation. The main difference between the two formats is the length of the timeslot and whether the presentation content is summarized in a paper or poster form.

- **Paper presentations** are ~30 minute talks. Each paper presentation will have an associated short, standalone manuscript (~1500 words, though longer papers are acceptable) that reflects the content of their talk, which will be included in the post-conference proceedings report.
- **Poster presentations** are ~5 minute "lightning talks". Each lightning talk will have an associated standalone poster that summarizes and expands on the contents of their talk, which will be showcased in a virtual poster session during the mini-conference.

Your manuscript or poster should be a standalone document that reflects the information you will be sharing shared during you mini-conference presentation, so that readers reviewing the mini-conference proceedings can understand what was discussed.

Content checklist
Is the content you want to submit...

☐... in-scope for the conference?
This generally means that it should focus on a topic relating to the intersection between systems competencies and STEAM education/training/certification/outreach.

☐... of interest to an international audience of educators and STEAM professionals?
A wide variety of attendees should find your content interesting and/or useful.

☐... sharing new or unique ideas/examples/perspectives/approaches with the audience?
We'll accept content you've previously shared elsewhere

☐... able to justify its conclusions based on the presented data/examples/discussion/analyses?
You can use new results or existing info – just ensure you justify the point(s) you make.

☐... presented in a readable format, with minimal jargon?
We'd like to ensure that content is accessible to an interdisciplinary audience.

☐... correctly crediting all contributors via citation, authorship, or acknowledgements?
We want to ensure that we credit everyone appropriately! That includes citing references in your final paper/poster & presentation (any standardized/formal citation style works).

☐... ready for presentation in a public forum?
Prior to submitting, please verify that your content can be presented at a public event and to an international audience, and that you'll be able to meet all the mini-conference submission deadlines. If you are required to get approval/permission prior to publicly releasing any of the content in your submission, please ensure you secure the necessary approval before submitting.

If you're able to check off all of the boxes above, you should be ready to proceed with your submission!