

Leading Tomorrow: Educating Engineers for Innovation, Collaboration, and Entrepreneurship

April 10 – April 12, 2025

California Polytechnic University, Pomona
Pomona, CA

The American Society for Engineering Education (ASEE) Pacific Southwest Section invites the submission of abstracts for papers, presentations, posters, and workshops for the 2025 ASEE-PSW Conference in Pomona, California on April 10-12, 2025. ASEE-PSW encompasses Arizona, California, Hawaii, and Nevada.

This year’s theme is **Leading Tomorrow: Educating Engineers for Innovation, Collaboration, and Entrepreneurship.**

Engineering innovation shapes the future. How can engineering educators create inclusive and engaging learning environments that cultivate teamwork, collaboration, entrepreneurship, and professional integrity?

As with previous Section conferences, submissions on other topics relevant to engineering education will also be considered. A sample list of possible topics can be found below.

Possible Topics

Innovative and Inclusive Curriculum & Pedagogy	Collaborative Forward-Looking Teaching & Pedagogy
<ul style="list-style-type: none">○ Diversity and communities of inclusion○ Underrepresented students (first generation and marginalized students)○ Students’ mental health and wellbeing○ STEM identity and sense of belonging○ Culturally responsive coaching and pedagogy	<ul style="list-style-type: none">○ Active learning○ Peer mentoring○ Capstone experiences○ Classroom technology○ Project-based learning○ Assessment tools & techniques○ Undergraduate research○ Success and student organizations
Preparing Students for Emerging Industries	Socially Responsive Engineering Education

<ul style="list-style-type: none"> ○ Teaching professional skills ○ Sustainability ○ Issues around climate change ○ Responsible uses of AI ○ Engineering ethics ○ Virtual environments 	<ul style="list-style-type: none"> ○ Professional Integrity ○ Community engagement ○ Impacts of AI on students and faculty ○ P-12 STEM outreach ○ Recruitment and retention strategies for students and faculty
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The four possible presentation formats for this conference are described below. Please choose the appropriate option for each submission. Works-in-Progress (WIPs) are welcome in any presentation format. Please see submission deadlines below.

1. Full Paper for Publication and Presentation

Please indicate in the first sentence of your abstract that you intend to follow up with a full paper. Submit an abstract of 500-750 words and include, as appropriate, a clear description of the objectives and motivation, relevant background, assessment plan and results (if not a WIP). Authors of accepted abstracts will present their work in a conference session and will be required to prepare a full paper (maximum 10 pages including references) for review prior to publication in the conference proceedings.

For papers to be published in the conference proceedings at least one author must register and present. Full papers are also eligible for the section best paper competition if the winner advances to the zone level and, if successful, to the national level best paper competition. **It is expected that the author(s) of a full paper submission will support the conference by reviewing one or more abstracts and papers submitted for the ASEE-PSW Conference.**

2. Abstract-Reviewed Presentation

Please indicate in the first sentence of your abstract that you intend to prepare a presentation only (no full paper). Submit an abstract of 500-750 words and include, as appropriate, a clear description of the objectives and motivation, relevant background, assessment plan and results (if not a WIP). Authors of accepted abstracts will present their work in a conference session.

3. Abstract-Reviewed Poster

Please indicate in the first sentence of your abstract that you intend to prepare a poster only (no full paper or presentation). Submit an abstract of maximum 300 words and include, as appropriate, a clear description of the objectives and motivation, relevant background, assessment plan and results (if not a WIP).

4. Workshops

Please indicate in the first sentence of your abstract that this is a workshop proposal.

Submit a workshop description of 500-750 words that clearly states the objectives, targeted audience, and learning outcomes, as well as activities planned and approximate length.

Authors of accepted abstracts will present their work in a conference session.

Submissions

All abstracts and workshop proposals must be submitted through the NEMO paper management system.

Submissions from students are welcome and will be included in the general submission process.

Submission requires an ASEE account. To set up an account:

<https://www.asee.org/membership-and-communities/membership>

To submit an abstract or workshop proposal:

<https://nemo.asee.org/public/conferences/373/papers/new>

Consult the 2025 ASEE-PSW Conference Author's Kit for additional information and formatting guidelines for full papers on the main page:

<https://sites.asee.org/psw/>

Questions regarding the abstract and paper submission process can be directed to the 2025 Technical Program Chair, Pitiporn Asvapathanagul at pitiporn.asvapathanagul@csulb.edu or 2025 Conference Chair, Elisabeth Arnold Weiss at arnolde@usc.edu

Schedule

Abstract submission opens: **October 14, 2024**

Abstract (500-750 words) submission deadline: **November 27, 2024**

Abstract (500-750 words) acceptance notification: **December 9, 2024**

Full Paper draft submission deadline: **January 21, 2025**

Full Paper draft acceptance notification: **February 17, 2025**

Full paper revision submission deadline: **March 3, 2025**

Full Paper acceptance notification: **March 23, 2025**

Author/Presenter registration deadline: **March 25, 2025**

Final Paper upload deadline: **April 10, 2025**

Additional conference details and registration information will be available soon on the conference webpage: <https://sites.asee.org/psw/>

***Human Subjects & Ethics Approval Statement**

Human subjects and ethics approval is needed only if the author(s) use data collected on human participants. Published papers on research that involved human participants are assumed to have IRB approval, and an explicit statement is required. The following is some sample language that may be used within the text of your paper:

- This is an observational study. The [Institution] IRB has determined that this study is exempt from review.
- This work does not use data from humans and therefore does not meet the definition of human subjects research; IRB review is not required.
- This work was determined to be exempt from further review by the [INSTITUTION] IRB.
- This work was approved by [INSTITUTION] IRB under protocol # XXX.
- The questionnaire and methodology of this study was approved by the IRB at [Institution] (approval number:...)

If you are unsure of which statement applies to you, you should reach out to your Institutional Review Board or Ethics committee for clarification. For further guidance, see [IRB Fundamentals for Publishing in Engineering Education](#).