Call for Papers, Workshops, Panels, and Special Sessions from ERM for ASEE 2022

Please note that we would like to encourage anyone who has questions or concerns about submitting to this call to contact the program chair: Stephanie Cutler: slc5822@psu.edu

Key points:

- ERM has 4 paper types - Research, Theory, Evidence-Based Practice, and Work in Progress (WIP) (page 2). Tell us what type of paper you're submitting at every stage of the process to help reviewers, as well as 3-5 keywords following the abstract to aid in the review process.
- ERM is also looking for Workshops, Special Sessions, and Panels. See the Call for Proposals at the end of this document (page 6).
- ERM encourages all presenters to use active engagement strategies when presenting their work at the Annual Conference. Please start thinking about how you will engage your audience now.

ERM Division accepts Paper, Special Session, Panel, and Workshop proposals on the topics of:

1. Learning and teaching in engineering education contexts
2. Increasing diversity, equity, and inclusion in engineering education
3. Innovative curriculum materials and techniques, sound instructional design and improved evaluation methodology; and
4. Enhancement of the status of teaching in the university and beyond.
Call for Papers

For you to publish and present your paper at the ASEE Annual Conference & Exhibition in June, you must clear multiple hurdles first. You can do it! To help aid you in your journey, each section below will outline ERM’s expectations for clearing each hurdle in the process. As you all successfully reach the paper finish line and get ready to present your paper, ERM hopes all presenters will remember good educational practices while presenting and work to engage their audience.

Clearing Hurdle 1: The Abstract: Guidelines for a successful abstract submission

ERM has four different types of papers: Research, Theory, Evidence-Based Practice, and Work in Progress (WIP). YOU MUST INCLUDE THE TYPE OF PAPER YOU ARE PROPOSING IN THE FIRST SENTENCE OF YOUR ABSTRACT, as well as 3-5 keywords following the abstract to aid in the review process.

Abstracts should follow the ASEE Abstract Format guidelines provided by ASEE.

The abstract should contain sufficient information to enable reviewers to determine its suitability for presentation in the ERM Division. The ERM Division uses a blind review process when reviewing abstracts and papers, and it is the authors’ responsibility to ensure that the requirements for anonymized review are met. Authors’ names and institutions should not be included in the text, file name, or document properties of an abstract or paper submitted for review. The Type of paper should be included in the first sentence of your abstract as well as 3-5 keywords following the abstract to aid in the review process.

ABSTRACTS will be EVALUATED based on the identified type of paper (one of the key reasons it is so important to include the type of paper in your abstract!):

- Research: New findings, situated in the context of prior findings and models, including motivation and background of the work, methods, results, and implications of the work and/or future directions for research. **Contributes new knowledge to the field of engineering education research.**
Theory: Reviews, meta-analyses or other theory-focused work, situated in the context of previous literature to reveal relationships, patterns or models, or extend existing theories. Theory abstracts should address the motivation and background of the work, theoretical framework(s) and sources, and significance. **Contributes a new understanding of theory or the current use of a theory and how they can be utilized within the field of engineering education research.**

Evidence-based Practice: Analysis of one or more engineering education practices, including teaching approaches, uses of instructional technologies, institutional strategies to support student success, etc.), including design rationale, assessment methods, evidence of effectiveness and/or achievement of desired outcomes. **Contributes new practices to the field of engineering education with scholarly evidence.**

Work in Progress (WIP): Studies that are at an early to intermediate stage for which authors are seeking feedback from the community. WIP abstracts should address the motivation and background of the work, methods, results (or anticipated results), and significance. **Raises awareness of future research and directions for the field of engineering education research.**

**The deadline for submitting abstracts is November 22, 2021**

If your abstract is rejected and you would like to contest the rejection, ERM has a formal appeal process. You are welcome to contact the Program Chair (slc5822@psu.edu), but additional information will be sent along with the rejection notification.

**Clearing Hurdle 2: The Draft Paper: Guidelines for a successful draft paper submission**

Don’t forget to indicate the type of paper in the first sentence of the paper as: Work-In-Progress, Research, Theory, or Evidence-Based Practice. **THIS HELPS REVIEWS PROVIDE THE BEST POSSIBLE REVIEW ALIGNED WITH YOUR GOALS FOR THE PAPER.**

**Full Paper Guidelines (Research, Theory, or Evidence-Based Practice Papers):**

**Maximum of 12 pages.** There are three categories of full papers: Research, Theory, and Evidence-Based Practice. While ERM does not set strict page limits for papers, we encourage
authors to aim for 10-12 pages of text (not including references) to encourage a larger readership of the work. Please follow the ASEE formatting guidelines provided by ASEE.

Work-In-Progress Guidelines:
Maximum of 5 pages. Manuscripts are understood to be at an early to intermediate stage of research papers and thus, shorter in length than a full paper. The purpose of the WIP papers is to allow researchers to get feedback on early-stage research projects that may not have substantive results yet. Authors are encouraged to keep WIP papers to 5 pages in length (not including references) and provide sufficient information for the reader to understand the potential significance of the work and the approach being used. Authors are strongly encouraged to provide preliminary results or initial findings. WIP will be evaluated on: motivation and background of the work, methods, results (or anticipated results), significance, and potential interest to the ERM community.

Draft Papers will be EVALUATED ON:
• The manuscript is complete (based on the type of paper). For the reviewers to do their job, the manuscript should be considered to be in a publishable state when submitted as a draft. The Authors should not expect to make substantial additions or changes to the manuscript not based on the reviewer comments.
• The research, theory, or evidence-based practice is likely to interest a broad group of engineering education researchers and/or practitioners.
• The work builds upon relevant references including bodies of knowledge from diverse authors.
• The findings or ideas presented are generalizable or transferable to other settings.
• The manuscript is clear and coherent.
• The study is original and innovative.
• The study advances engineering education research and/or practice.
• The authors use non-biased language (see APA Manual 7th edition)

Further, we encourage authors to consider the implications of anti-racism in their engineering education research and scholarship and to avoid deficit narratives, associations of race or gender as a predictor for discrepancies in achievement or discuss discrepancies based on race, culture, gender, or sexuality as an expected finding without clear discussion regarding the underlying issues that would cause such discrepancies. In addition, we ask authors to report participant demographics and the associated limitations and implications based on the participants’ studied.

The deadline for submitting draft papers is February 7, 2022. Submissions are reviewed anonymously. No author or affiliation information is to be included on draft papers.

If your paper is rejected and you would like to contest the rejection, ERM has a formal appeal process. You are welcome to contact the Program Chair (slc5822@psu.edu), but additional information will be sent along with the rejection notification.
Clearing Hurdle 3: Draft Revisions: Guidelines for a successful revision of your draft paper

We highly encourage authors to integrate reviewer comments into their revised drafts. Authors are welcome to submit responses to the reviewers within their revised drafts that are not included in the final paper or the page count.

If there is a request for revisions after the initial draft review, the deadline for the revised draft papers is **March 28, 2022**. These submissions are also reviewed anonymously. No author or affiliation information is to be included on draft revision papers.

If your revised paper is rejected and you would like to contest the rejection, ERM has a formal appeal process. You are welcome to contact the Program Chair (slc5822@psu.edu), but additional information will be sent along with the rejection notification.

Clearing Hurdle 4: Finalize Paper

Final versions of papers must be submitted by **May 16, 2022**. At this time, all anonymous indicators must be removed. No changes to papers can be made after this submission. Again, we encourage all authors to review the reviewers’ comments and make appropriate changes to the manuscript.
We are so excited to see you all at the 2022 ASEE Annual Conference & Exhibition. We encourage all authors to embrace engagement strategies while presenting their work at the conference. We are all attending the conference to share our work and learn from each other, so let’s use our best teaching strategies to make memorable presentations and connect with the amazing folks of ERM (both newcomers, old timers, and everyone in between)!

*All images are freely available via pixabay.com.

For more information, please contact the Program Chair:

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Call for Proposals: Special Sessions, Panels, and Workshops

Where paper presentations are great for disseminating new research and practice, sometimes 15 minutes just won’t do. For longer, more interactive sessions, ERM is soliciting proposals for Workshops (2-4 hours usually on the first day of the conference during conference workshop time slot), Special Sessions, and Panels (both held during a 90-minute technical session time slot).

Special Session and Panel Proposals
Maximum 5 pages (not including references). Proposals for Special Sessions or Panels submitted through the ERM should be sent directly to the ERM Program Chair (slc5822@psu.edu) and NOT through the Monolith system. The **deadline for submitting special session proposals is November 8, 2021**. Proposals should include the following information:

- A description of the session/panel, including its purpose, format, learning goals, content, and activities.
- A schedule of workshop activities.
- An explanation of why the non-traditional/panel format is needed to accomplish the learning goals.
- A list of presenters/facilitators/panelist and their contact information, along with a brief justification for their ability to successfully accomplish the stated goals.

Proposals will be reviewed and selected by ERM to be forwarded for further consideration by ASEE, which makes the final decision. Acceptance of a Special Session or Panel proposal by ERM does not guarantee that it will appear in the final program.

Workshop Proposals
Maximum 7 pages (not including references). Proposals for Workshops submitted through the ERM should be sent directly to the ERM Program Chair (slc5822@psu.edu) and NOT through the Monolith system. The **deadline for submitting workshop proposals is November 8, 2021**. Proposals should include the following information:

- A description of the session, including its purpose, format, learning goals, content, and activities.
- A schedule of workshop activities.
- An explanation of why the non-traditional/panel format is needed to accomplish the learning goals.
- A list of presenters/facilitators and their contact information, along with a brief justification for their ability to successfully accomplish the stated goals.

All workshops have an associate $150 fee. If the workshop is approved by ERM, it is then submitted to ASEE by the Program Chair. The submission to ASEE will include additional information such as estimated attendance, estimated ticket cost and responsible party to subsidize the expense if tickets don’t cover the entire cost of the event (ASEE charges for the room, audio-visual, etc.), expected food and beverage requests, and audio-visual needs.
For more information, please contact the Program Chair:

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