

Educational Research and Methods Division (ERM)

Call for Abstracts

2020 Annual Conference & Exposition

The Educational Research and Methods Division (ERM) seeks paper, panel, and workshop proposals on topics related to ERM's primary objectives: dissemination of knowledge on learning and teaching; dissemination of knowledge on diversity, equity, and inclusion in engineering education; encouragement of efforts to improve instruction through development of innovative materials and techniques, sound instructional design, and improved evaluation methodology; and enhancement of the status of teaching in the university and beyond.

There are three types of submissions: Paper, Workshop, and Panel of Invited Speakers. For more information regarding each type of submission, please download the full call for proposals below.

Abstract and proposal submission opens September 3, 2019 and all proposals are due **October 14, 2019**.

A. Paper Abstracts (250-500 words) are due October 14, 2019 via Monolith. Paper abstracts should follow the ASEE Abstract Format guidelines. There are four subcategories for Papers:

(1) Research papers present new findings, situated in the context of prior findings and models, including relevant prior work and literature citations, methodology, research results, and implications of the work and/or future directions for research.

(2) Theory papers provide 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. Must include relevant prior work and literature citations.

(3) Evidence-based practice papers provide analysis of one or more engineering education practice, including teaching approaches, instructional technology uses, and institutional strategies to support student success and its implications for engineering educators. Must include relevant prior work and literature citations, methodology, and assessment results.

(4) Work in Progress (WIP) Paper: Studies at an early to intermediate stage for which authors are seeking feedback from the community.

Note: Following the discussion of the 2019 ASEE Interdivisional Divisional Town Hall, ERM is encouraging the use of active and engaging experiences during our technical sessions. At the time of the Draft Paper submission, you will be requested to identify your preferred presentation method. These presentation techniques can include round table discussions, lightning talk, postcard presentation, mini-demonstrations, poster, or traditional presentation. As you write your

abstracts and drafts, you are encouraged to consider how to present your paper in a way other than the traditional presentation.

B. Proposals for Panels of Invited Speakers are due October 14, 2019 by e-mail to the ERM Program Chair (pembridj@erau.edu). Panel proposals should include the following information (no more than 2 pages, 12-point font, single-spaced):

- A description of the session, including its purpose, format, learning goals, content, and activities.
- An explanation of why the non-traditional 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.

C. Proposals for Workshops are due October 14, 2019 by e-mail to the ERM Program Chair (pembridj@erau.edu). Workshop proposals should include the following information (no more than 2 pages, 12-point font, single-spaced):

- A description of the workshop, including its purpose, format, learning goals, content, and activities.
- A schedule (i.e., something describing the general flow of the 3 hour workshop).
- A list of presenters/facilitators and their contact information, along with a brief justification for their ability to successfully accomplish the stated goals.