

Call for Papers

Mechanics Division
2024 Annual Conference & Exposition
June 23-26, 2024
Portland, Oregon

The ASEE Mechanics Division solicits papers for the 131st ASEE Annual Conference & Exposition to be held in Portland, OR, June 23-26, 2024. Areas of interest include theory, practice, and assessment in all areas of engineering mechanics education, ranging from the foundational courses Statics, Dynamics, Mechanics of Materials, and Fluid Mechanics, to advanced-level topics such as Finite Element Analysis, Fracture Mechanics, Vibrations, and Acoustics. Suggested topics, as they pertain to mechanics education, include, but are not limited to:

- Projects, laboratories, experiments, or demonstrations
- Assessment of teaching and learning
- Horizontal or vertical curricular integration of mechanics
- Development and deployment of innovative teaching methods or practices
- Integration of emerging topics and/or implementation of best practices

The Mechanics Division accepts both full papers and work-in-progress (WIP) papers. A successful paper must demonstrate a level of scholarship commensurate with paper type. For full papers, the division strongly encourages that authors have conducted meaningful assessment of outcomes and report on the results of this assessment. WIP papers may report plans for future assessment and anticipated or preliminary results from studies that are not yet completed. To help reviewers identify WIP papers, they MUST have a title that begins with “Work in Progress:” with the colon preceding the remainder of the paper title.

Abstracts should generally be 250-500 words in length and provide a clear statement of the objectives, relevance to mechanics education, assessment methods, and results. Authors of accepted abstracts will be required to prepare a paper for peer review prior to publication in the conference proceedings. Full papers should be approximately 5000 words while WIP papers should be approximately 3500 words. Papers accepted for publication must be presented by at least one registered conference participant in a technical session or at a poster session, as designated at the time of final submission. Potential exists for joint sessions with the Mechanical and Civil Engineering Divisions should sufficient cross-over justify these sessions.

In addition, the Division will sponsor its annual Classroom Demonstrations Session, which will feature presentations by mechanics instructors of some of the toys and demonstrations that they use to illustrate concepts and energize their classes. Presenters will be asked to upload documentation of their demonstrations to the Division’s Hands-On Mechanics website (<http://www.handsonmechanics.org/>). Proposals for demonstrations should include a brief description of the classroom demonstration and how it will be presented at the conference; these are not submitted as papers, but rather by direct communication with the Division Program Chair by the Draft Paper deadline that typically occurs in March prior to the conference.

Important Paper Deadlines – see link below:

<https://www.asee.org/events/Conferences-and-Meetings/2024-Annual-Conference>

Inquiries and questions may be directed to the 2023-2024 Mechanics Division Program Chair:

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