Baltimore, MD, June 25-28, 2023

Mechanical Engineering Division Call for Papers

The MECHANICAL ENGINEERING DIVISION (ME) invites papers for the 2023 ASEE Annual Conference in all areas of mechanical engineering education involving the following topics:

- Innovative teaching and learning techniques
- Assessment, improvement, and ABET strategies
- Laboratory courses and hands-on learning
- Capstone design programs
- Curriculum redesign
- Flipping the classroom (inverted learning)
- Adding design to the curriculum
- Integrating other subjects into the ME curriculum (math, physical sciences, humanities, …)
- Diversity and inclusion
- Student success and retention
- Distance education
- Outreach programs
- Industry involvement in academia
- Integrating research & education
- Faculty career management / mentoring
- Other trends in ME education

Other areas of interest include, but are not limited to the educational aspects of:

- Thermal/fluids systems
- MEMS
- Computers and info. tech.
- Mechanical systems
- Mechatronics
- Sustainable design
- Smart materials & structures
- Nano / biomechanical systems
- Additive manufacturing

The ME Division seeks both Full Papers and Work-in-Progress Papers. Work-in-progress papers present topics that are still in process where full results will not be available by the time of draft paper submissions but where community feedback is sought. All work-in-progress papers accepted for publication will be assigned to either a poster session or a postcard session. A poster session does not include a formal presentation; a postcard session reduces the presentation lengths to allow for more extended conversations between authors and attendees.

Both abstracts and draft papers must be redacted of any identifying information of author or institutional affiliation before submission. Abstracts and draft papers are reviewed using a double-blind process. Submissions may be rejected if they contain information which would allow identification of the authors. Please refer to the Author's Kit, also available at the ASEE Annual Conference 2022 web site, for the abstract and paper formats which must be followed. Abstract acceptance does not guarantee paper acceptance.

Anyone wishing to conduct a special session or workshop at the 2023 ASEE Annual Conference should contact the program chair, Dr. Brian Novoselich (brian.novoselich@ westpoint.edu) with details about the session to include proposed title and descriptive paragraph.

The ME Division is a "publish-and-review-to-present" division: to present at the conference, papers must be released for publication in the Proceedings and at least one author must participate in the peer review process for both abstract and draft paper submissions. Any author teams that do not fulfill their review obligations may be removed from the proceedings.

ME Division Sponsored Awards:
- Best Paper award: plaque and cash prize for winner, official certificates for nominated papers
- Best Poster/Postcard award
- Ralph Coats Roe Award for Excellence in Engineering Education
- Outstanding New Mechanical Engineering Educator Award

Program Chair: Brian Novoselich (brian.novoselich@ westpoint.edu)
ME Division Chair: Anna Howard (anna_howard@ ncsu.edu)

**Abstracts and manuscripts are reviewed using a double-blind process. Do not include the names of authors or of institutions anywhere in the body of the submitted document or its headings, in any figures/images or references provided, or in the file name or document properties. **

There are two types of paper submissions: Full Paper and Work-in-Progress Paper.
•   Full Paper: Full papers include results which can be analyzed for significant conclusions at the time of draft paper submission. Accepted full papers will be assigned to technical sessions for traditional presentations.
•   Work in Progress (WIP) Papers: Work-in-progress papers present topics that are still in process where full results will not be available by the time of draft paper submissions but where community feedback is sought. All work-in-progress papers accepted for publication will be assigned to either a poster session or a postcard session. A poster session does not include a formal presentation; a postcard session reduces the presentation lengths to allow for more extended conversations between authors and attendees.

Please see the 2023 ME Division Call For Papers to review the list of topics of interest.

Submissions must follow the ASEE Abstract Format guidelines – please see the Authors Kit https://www.asee.org/events/Conferences-and-Meetings/2023-Annual-Conference/Paper-Management/2023-Authors) for details.

Submissions may be rejected if they contain information which would allow identification of the authors or which ignore the formatting guidelines. Abstract acceptance does not guarantee paper acceptance.