

EMI Fluid Dynamics Committee Student Paper/Poster Competition

Sponsored by: EMI Fluid Dynamics (FD) Committee

The ASCE EMI-Fluid Dynamics Committee is pleased to announce the Annual Student Paper Competition in the general areas related to fluid dynamics.

Purpose:

- To increase the involvement of younger professionals in the EMI conferences, particularly in fluid dynamics.
- To allow them to interact with the FD committee members and to promote further growth as engineers, develop stronger bonds within the FD community, and take responsibility within the technical community.
- To improve their technical writing and presentation skills and promote high-quality submissions to the flagship journal of EMI, the Journal of Engineering Mechanics.

Requirements:

1. The participant for this competition must be a student at the time of submission and be the lead author of an abstract in the areas related to fluid dynamics submitted to the EMI abstract submission website by the conference abstract deadline (December 31, 2023). Submission to an FD-sponsored mini-symposium is encouraged.
2. Express interest in participating in the competition by sending an email with the abstract number, authors, and affiliations to Dr. Marco Giometto (mg3929@columbia.edu) and copy Dr. Aly (aly@lsu.edu) by February 20, 2024.
3. Forward the abstract acceptance notification within one week of receipt from the organizers.
4. Submit a 6-page paper to the competition organizing committee (email attachment to mg3929@columbia.edu and copy aly@lsu.edu) by March 30, 2024. The student must write the paper as the leading author and should conduct the majority of the work associated with the manuscript. Each student may submit only one paper to the competition as the leading author.
5. The paper must be submitted in two versions. The first version is the original paper with authors and affiliations. The second version should be anonymized by deleting the author list and affiliations.

Deadlines:

- December 31, 2023 – EMI Conference abstract submission deadline
- February 20, 2024 – Express interest in participating.
- March 30, 2024 – 6-page full paper due (see #4 and #5 under “Requirements”).

Prizes:

- Two winners will be selected and named as the FD Student Paper Competition Winners.
- The 1st and 2nd place winners will each receive an EMI certificate.

Process:

- A panel of three or more expert judges from the FD committee will review the manuscripts. To avoid conflict of interest, the judge shall not be a co-author or a student advisor of any competing papers.
- The selected top papers will be presented by the student participants in a special session at the EMI conference, which will be in addition to the regular presentation within the conference.
- Awards will be presented to the competition winners during the EMI conference.
- Student finalists will be invited to submit an extended version of their papers for a by-invitation-only special collection on Journal of Engineering Mechanics (example from previous years: https://ascelibrary.org/jenmdt/emi_student_finalist_papers).