



ASEE 2020 North Central Section Conference

March 27 – 28, 2020

West Virginia University
Morgantown, WV

20/20: Envisioning the Future of Engineering Education

Authors from engineering, engineering education, and engineering technology are invited to submit papers or proposals for workshops for the 2020 ASEE North Central Section Conference. To accommodate the participation of diverse groups, this conference accepts intellectual work in the form of full-length papers, extended abstracts, posters, or workshops. All submissions are peer-reviewed. Students are encouraged to submit papers or posters on their senior design projects or undergraduate research experiences. Abstract, draft, and final paper submission, as well as reviewer sign-up must be made through the conference paper management system at the ASEE website <https://www.asee.org/public/conferences/175/papers/new>.

Student Poster abstracts will be accepted based on a single-stage review by the program committee. The poster author(s) must submit for review a short abstract that describes the undergraduate project described in the poster, author's name(s), proposed poster title, author's affiliation, phone number, and e-mail address. After acceptance of a poster abstract, students will bring the poster to the conference for display. Each student poster entry (team or individual) is required to have a faculty advisor. ***The faculty advisor and all student author(s) must register for and attend the conference.*** The MAXIMUM POSTER SIZE is: 36" high x 48" wide.

Papers and Workshops (Faculty and Student) are submitted in a two-stage process and will be accepted based on a ***double-blind peer review*** of (1) abstracts and (2) manuscripts. Abstract review is a continuous process, beginning November 11, 2019. Authors will be notified of abstract acceptance or rejection by the Abstract Decision Notification Deadline. Authors invited to submit a draft full paper must submit a draft of the complete manuscript by the Draft Paper Deadline. The full manuscript will be peer-reviewed by the Draft Paper Decision Notification deadline. After the peer-review process, final versions of the documents as they will appear in the conference proceedings must be submitted by the Final Paper Deadline.

While all authors of accepted papers are expected to attend the conference to facilitate the transfer of knowledge through discussion and debate, **at least ONE author must register for, attend, and present the paper at the conference.** All accepted papers presented by a timely-registered author will be included in the conference proceedings.

Suggested Topics for Author Consideration:

- Engineering and industry collaboration
- Community engagement, outreach, or service learning in engineering
- Student retention and persistence
- Innovative teaching techniques (methods, technologies, assessment)
- Active learning: project-based and hands-on learning activities
- Creative problem solving: courses and/or related teaching activities
- Integrating design into the curriculum
- Senior capstone projects
- Undergraduate research projects
- Distance learning: methods, technologies, and assessment
- Diversity: valuing, achieving, and teaching it
- Ethics: creative ways to teach and assess learning
- Globalization or study abroad programs
- K-12 initiatives and partnerships
- Professional skills development: technical writing, presentation, teamwork
- Uses of technology and software in the classroom

All paper and poster abstracts and full-paper drafts must be submitted through Monolith at the ASEE website. Author(s) of a submission are expected to support the North Central Section by reviewing both abstracts and manuscripts submitted for the annual section conference.

Guidelines for submission.

1. Submissions must follow the ASEE Abstract Format guidelines – please see the Appendix B of the Author’s Kit (https://www.asee.org/documents/conferences/annual/2020/2020_Authors_Kit_1.pdf) for details.
2. Abstracts and manuscripts are reviewed using a double-blind process. Do NOT include the names of authors or institutions anywhere in the body of the submitted document or in its headings, in any figures/images or references provided, or in the file name or document properties.

Failure to follow the above guidelines may result in rejection of your submission.

Authors of accepted paper abstracts will be required to submit a full paper manuscript that meets the ASEE Paper Format guidelines provided in the Author’s Kit. Please note that abstract acceptance does not guarantee subsequent paper acceptance.

If you have any questions, please contact the 2020 Program Chair, Dr. Robin Hensel (robin.hensel@mail.wvu.edu).