Educating the Engineer of 2030

Call for Papers

The ASEE North Central Section invites all from engineering and engineering technology to submit abstracts for the 2022 ASEE NC Conference hosted by The University of Pittsburgh's Swanson School of Engineering on March 18-19, 2022. Authors are invited to submit full-length manuscripts, extended abstracts, and posters for presentation at the conference and inclusion in its proceedings. Students are encouraged to submit papers or posters on their senior design projects or undergraduate research experiences. All submissions, as well as reviewer sign up must be made through the conference management system: https://monolith.asee.org/public/conferences/308/papers

Topics related to the broad conference theme and to the following are encouraged:

• Innovative curricula or teaching techniques
• Engineering and industry collaborations
• Active learning: project-based and hands-on learning activities
• Professional development: technical writing, presentation, teamwork, ethics, leadership, entrepreneurship
• Incorporating Sustainability into Engineering
• First Year Engineering
• Diversity: expanding opportunities, broadening participation, and mentoring talent
• Senior capstone projects, Undergraduate research projects, student industry experiences
• Remote, Distance, Hybrid learning: methods, technologies, and assessment
• Community engagement, service learning, K-12 outreach with engineering
• Global engagement (e.g. study abroad programs, global academic partnerships)
• Recruitment and Retention of Engineering students

Papers will be accepted based on a peer review of manuscripts. Authors are expected to present their papers at the conference to facilitate the transfer of knowledge through discussion and debate. All accepted papers presented by a registered author will be included in the conference proceedings.

Abstract Submission Opens	Monday, November 1, 2021
Abstract Submission Deadline	Monday, December 6, 2021
Abstract Acceptance Notification	Friday, December 17, 2022[*]
Draft Paper Upload Deadline/ Student Poster Abstract Submission Deadline	Friday, January 14, 2022
Paper Acceptance Notification	Monday, February 14, 2022
Final Paper Submission Deadline	Friday, March 4, 2022

[*]Abstract review will begin on November 8, 2021 and will be updated as abstracts are reviewed.

Abstract/Paper Submissions Page: https://monolith.asee.org/public/conferences/308/papers

Abstract/Paper Submissions process and guidelines can be found below.

Abstract Format Guidelines

Title:

1. *Title*: The title must be centered with at least a one and one-half inch margin on the left and right.
2. *Font*: Times New Roman typeface is required, bold faced, 14 point.
3. *Author and Affiliation*: Submissions are done in a double blind. No author or affiliation information is to be included on any abstracts.
4. *Footers*: Do not include any in your abstract.

Body of the Abstract (beginning under title information)

1. *Format*: The document will be in a one-column format with justification on left and right sides. There must be a 1 inch margin on the left, right, and bottom.
2. *Font*: Times New Roman typeface is required, 12 point, skipping one line between paragraphs.
3. *Length*: Abstracts should generally be between 250- 500 words.

Do not include any author or affiliation information in any part of your abstract so that your abstract is able to receive a blind review. Make sure that when you save and upload your PDF file you do not use your name or initials as the document title.

Student Poster Abstracts

Student Poster abstracts will go through a single-stage review by the program committee. After acceptance of the poster abstract students will then 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 must be a registered attendee of the conference. The poster author(s) must submit a short abstract that describes the undergraduate project described in the poster, author's name(s), proposed poster title, author's affiliation, phone number, fax number, and e-mail address. The MAXIMUM POSTER SIZE: 36" high x 48" wide. A student presenter (preferably all students) must register for and attend the conference.

Papers and Workshop

Faculty and Student papers will be accepted based on a peer review of manuscripts via a two-stage review process. Authors are expected to present their papers at the conference to engage attendees in a discussion and or debate of their work.

All accepted papers presented by an author who registers by March 4, 2022 will be included in the conference proceedings.

The two-stage process: Abstracts must be submitted by the Abstracts Deadline at which point they will be reviewed by the program committee. The program committee will begin reviewing abstracts on November 8, 2021. Abstract review will be a continuous process with all prospective authors receiving notification by the Abstract Acceptance Notification deadline. If you are invited to submit for the second stage of the process, you must submit a preliminary version of the complete document by the Draft Paper Deadline. These documents will then be peer-reviewed by the Paper Acceptance 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