

2018 ASEE Annual Conference Call for Papers

The TWO-YEAR COLLEGE DIVISION (TYCD) is composed of faculty and administrators of two-year colleges that have programs in Engineering Science, transfer and/or Engineering Technology, transfer and the engineering technician levels. TYCD invites submission of paper and/or poster presentation abstracts from academia and industry on any topic that may be of benefit and interest to two-year institutions. Topics of particular interest include, but are not limited to the following:

- Student recruitment and retention at two-year colleges.
- Innovative teaching methods and support programs at two-year colleges
- Articulation agreements: high school/two-year and two-year/four-year institutions.
- Issues related to student transfer from two-year to four-year programs.
- Student persistence and completion in two-year engineering technology programs and/or 2+2 programs.
- Job Placement strategies for Engineering Technicians.
- Innovating and updating curriculum for two engineering technician programs.
- Issues facing Two Colleges with Youth and Adult apprenticeship programs.
- High school dual credit students in Engineering transfer, engineering technology and engineering technician programs at two year colleges
- Microcontrollers, data acquisition, and/or embedded control courses and content delivered in two-year engineering technology programs. Share your experiences with Arduinos, Galileos, PICs, Launch Pads, and other platforms.
- Mechatronics and Industrial Controls for engineering technicians.
- Engineering/Technology Student Learning Outcomes Assessment at two-year institutions.
- ABET, ATMAE (or other) accreditation at two-year institutions.
- Federally funded grant projects on Engineering and/or Engineering Technology programs at awarded to a two-year school.
- Other topics of relevance to two-year engineering, engineering technology and engineering technician programs.

Regarding papers: paper submission is a three-step review process consisting of an abstract review followed by, if favorable, a draft paper review, and then a full manuscript review. Abstracts will each receive one blind review; papers will be blind reviewed by a minimum three reviewers. Abstracts shall be 250-500 words in length. Acceptance of both the abstract and the final full manuscript is required for presentation in TYCD sessions and for inclusion in the conference proceedings (publish to present). A poster session will be made available for papers that do not suit the content of a technical session.

All abstracts must be submitted through the Monolith abstract & paper submission portal. Please check the ASEE website for final versions of the 2018 paper Author's Kit, Publish-to-Present information, poster guidelines, and deadlines.

For further information, prospective authors and presenters may contact the TYCD Program Chair:

Philip Regalbuto.

ASEE 2018 Two-Year College Program Chair

Instructor of Engineering Technology

- Trident Technical College
- 7000 Rivers Ave, Charleston, SC, 29406
- Tel: 843-574-6019 • Email: philip.regalbuto@tridenttech.edu