

Student Poster Competition Information

2018 American Society for Engineering Education Southeastern Section Conference *“Educating the Engineer of the Future”*

Embry-Riddle Aeronautical University

Daytona Beach, Florida

March 4-6, 2018

The Southeastern Section of the American Society for Engineering Education (ASEE) invites both engineering and engineering technology faculty to sponsor their undergraduate students to present a poster at the annual Section Conference. This is an opportunity for you to exhibit your pedagogical successes through your students' outstanding projects. Students may enter in the following categories:

- **Freshman and/or Sophomore** Engineering and/or Engineering Technology Design Teams
- **Junior and/or Senior** Engineering and/or Engineering Technology Design Teams
- Individual Undergraduate Research

There is a tremendous amount of talent and creativity in the Section. You as faculty are invited to share your experiences with your colleagues, while at the same time recognizing your students and giving them the opportunity to:

- Practice their visual, written, and oral communication skills in a professional/conference environment
- Share their research and/or project work with students and faculty from other institutions

Additionally, the poster competition will:

- Improve the visibility of student efforts,
- Recognize excellence in student projects, and
- Promote the sharing and exchange of ideas about team projects and undergraduate research amongst the members in the section.

Eligibility Criteria

- 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 and may advise up to three poster entries.
- A student who submits a poster under the **Individual Undergraduate Research** category must register for the conference as student conference attendee.
- Posters submitted under the **Design Team** category must have a minimum of two team members registered as student conference attendees.

Important Dates and Deadlines

Date	Description
Friday, January 19 th , 2018	Extended Abstracts Due. Upload abstract as a single PDF file via the links on the section website: http://www.asee-se.org
Friday, February 2 nd , 2018	Notification of Abstract Acceptance
Friday, February 17 th , 2018	Posters Due. Upload poster as a single PDF file via the links on the section website: http://www.asee-se.org .
Friday, February 17 th , 2018	Student Conference Registration Due. See Eligibility Criteria above.

Extended Abstracts

All students are strongly encouraged to review their abstracts with their faculty advisor prior to submission. The maximum length for the extended abstract is one page (see template for appropriate formatting information).

- Extended abstracts should be submitted by **Friday, January 19th** to the conference submission site: <http://papers.asee-se.org/>
- The template that must be utilized for the extended abstracts is available at: http://asee-se.org/Conference/Student%20Poster%20Competition/Student_Poster_Competition_Links.htm
- A rubric that will be utilized to evaluate the abstracts can also be found at: http://asee-se.org/Conference/Student%20Poster%20Competition/Student_Poster_Competition_Links.htm

Student Posters

The physical requirements for the posters are listed below:

- Posters should be submitted by **Friday, February 17th** to the conference submission site: <http://papers.asee-se.org/>
- A rubric that will be utilized to evaluate the posters can be found at: : http://asee-se.org/Conference/Student%20Poster%20Competition/Student_Poster_Competition_Links.htm
- The maximum size of the posters is: 36" high × 48" wide.
- Mounting hardware for the posters will be provided at the conference venue.
- All supporting display material must fit on or under the poster board in the floor space provided.
- Students may not use a personal computer as part of their presentation.
- Electrical power will not be provided and may be unavailable at the conference venue – plan accordingly.

Student Registration and Cost

Students are encouraged to pre-register for the conference after receiving confirmation of the abstract and application acceptance. The deadline for student registration is **Friday, February 17th**. Students who participate in the poster competition will register for the conference at a reduced student rate. The design teams must have at least two of their team members registered and attending to present their poster. While students are encouraged to attend the entire conference, they are not required to stay for its entirety. The early registration fee for students is \$100. Registered students are provided with all 3 meals on Monday, including the Awards Banquet. They are also welcome to attend the Welcome Reception on Sunday evening. The student fee does not include breakfast and lunch on Tuesday.

Poster Presentation Logistics

During the conference, students should plan to sign-in at the conference registration area by early Monday morning (**March 5th, 2018**). Poster setup time will be before the morning plenary, and the students are invited to attend the morning plenary talk. The poster session will be open to full conference viewing during the morning break and afternoon break and students are encouraged to be near their posters during these break times. Students are required to be present for the judging session, 10:00 – 12:00, and also for the open student poster session during the afternoon. Judges will have had the opportunity to assess the abstracts and poster prior to the conference and will spend five minutes at each poster for interviewing the student(s) during the closed judging session. Poster award winners will be announced, and awards distributed, during the Monday evening banquet.

Judging Criteria:

Judges for the poster competition are selected by the Research Division of ASEE-SE. The judges will evaluate the design team and individual research posters.

The three key aspects of the poster presentation are the extended abstract, poster display, and communication. While all posters are expected to be of high quality, the assessment will be made relative to the competing submissions. The scale is subjective and relative to the other entries. The rubrics that will be utilized to evaluate the extended abstracts as well as the posters are available at: http://asee-se.org/Conference/Student%20Poster%20Competition/Student_Poster_Competition_Links.htm

The abstracts and the evaluations of the abstracts will be available to the judges prior to the conference for pre-assessment and to allow the judges to develop questions for the poster presenters. The poster content will be assessed on site and the communication will be evaluated during the five minute interview (student summary and response to questions) during the judging session.

Communication of the team design or individual research is a key aspect of the judging criteria. The student(s) and their faculty advisor are encouraged to accommodate the nature of the audience of these posters. The ASEE-SE educational conference represents all fields of engineering and engineering technology. Students need to be prepared to speak across disciplines to explain their work to an audience that may or may not be highly familiar with the specific design or research topic.

Awards

Awards will be given to the top three student posters in each category. In addition, an award for best overall poster presentation will be given.

Contact Information for Chair of Research Division for 2018

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