

## **ASEE Mathematics Division: CALL FOR PAPERS**

The Mathematics Division of the American Society for Engineering Education welcomes papers for presentation at the 2019 Annual Conference & Expo in Tampa, FL, June 15-19.

Abstracts in consideration should address educational or pedagogical issues regarding mathematics in engineering education. We invite abstracts from all divisions of ASEE. Topics of particular interest include, but are not limited to:

- Innovative teaching techniques and their impacts on outcomes in mathematics courses.
- Use of technology and/or software in teaching mathematics
- Issues, concerns, or problems in the teaching of mathematics to engineering students.
- Impact of math courses on subsequent student outcomes in engineering courses
- Interplay between mathematical training of engineering students and ABET outcomes
- Mathematical learning outcomes measured in non-mathematics engineering courses
- Statistics, applied math, or other mathematics course content essential to engineering.
- Collaborative educational projects between mathematics and engineering
- Aligning K-16 mathematics to broaden participation in engineering
- Preparation of mathematics graduate students to teach engineering students

Abstracts should be up to one page in length and provide a clear objective statement of the paper's relevance to the mathematics community, any assessment methods used, and the results. Papers that are conceptual in nature should adequately reference literature describing the foundation upon which the concept builds. References should be in refereed journals or other reputable and reliable venues. Papers that report original empirical findings should display or provide a link to the original empirical data. Authors who submit an abstract/paper and receive approval for the abstract/paper may be invited to be a reviewer for another abstract/paper. At least one author for each accepted paper is expected to register for and present at the conference.

**BLIND PEER REVIEW** occurs for both abstracts and papers. **PLEASE DO NOT** include the names of institutions or authors anywhere in the abstract or draft paper. Abstracts and draft papers that include authors' names or the names of institutions will be rejected. Submission is via the ASEE Monolith system in accordance with published ASEE deadlines.

Past conference proceedings are available here: <https://www.asee.org/search/proceedings>

### **Questions? Please contact:**

**Doug Bullock**  
Program Chair  
Mathematics Division  
[dbullock@boisestate.edu](mailto:dbullock@boisestate.edu)

**William E. Fitzgibbon**  
Chair  
Mathematics Division  
[fitz@uh.edu](mailto:fitz@uh.edu)

Abstract submission opens on September 4, 2018 and closes on October 15, 2018.

All submissions must be completed ELECTRONICALLY through <http://www.asee.org>

The due dates and times for Abstract, Draft, and Final paper submissions indicated on the ASEE website MUST be met.

For additional information, including Author's Kit, see <http://www.asee.org>