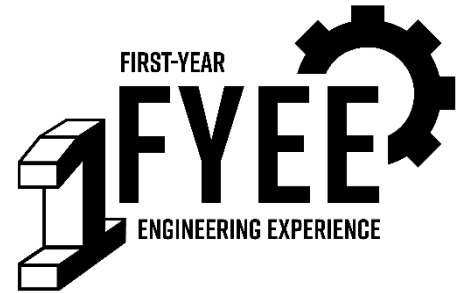# Call for Participation
## Abstracts due – March 22, 2021
## 12th Annual First Year Engineering Experience
(FYEE) Virtual Conference - August 9-10, 2021
Hosted by the University of Maryland

## Conference Overview

Each year about 200 participants from academia and industry meet to discuss their experiences and research in educating, advising, assessing, and mentoring young engineering scholars. Conference participants include college deans, department chairs, student service professionals, advisors, faculty in engineering and engineering technology, K-12 teachers, and industry leaders from throughout the country.

We are dedicated to bringing our community together to share and explore a wide range of topics and we encourage everyone to participate. Through keynote speakers, workshops, paper presentations, and other resource exchanges, we look to engage in conversations about broader contexts for first-year engineering.

## Call for Participation

We are seeking proposals for work and ideas to be presented in conference sessions and workshops. Session options include: Full Papers, Works-in-Progress, and GIFTS (Great Ideas For Teaching, or Talking with, Students). We understand that many of our attendees are looking for additional ways to participate in this conference beyond the traditional paper presentations. We have highlighted two of these opportunities below (Moderators and Rapporteurs) that we hope you will consider.

Special note about 2020 FYEE Conference submissions: Authors who submitted workshop proposals and abstracts (full paper, WIP, GIFTS) to the 2020 FYEE Conference were given the option to postpone their submissions until this year's conference. If you elected to present a 2020 submission this year, please resubmit your proposal/abstract to confirm your participation and to initiate your submission's review process. All 2020 submissions will be "pre-approved" for presentation (workshops) and acceptance (abstracts).

Special note about 2021 FYEE Conference presentations: Due to the nature of this year's virtual conference, modes of presentation have yet to be finalized. However, in hopes of maximizing attendees' interactions in a virtual setting, presenters will most likely be requested to prepare and submit videos and/or posters summarizing their work before the start of the conference. The conference organizers will distribute communications when presentation decisions are made. Thanks for being flexible.

**Workshops** are interactive sessions on a topic of interest to the first-year engineering community. Topics related to advising, first year student success, first year engineering programs, engineering education research, and K-12 engineering education are encouraged. Workshops will be selected on the basis of a proposal (3 pages max). The proposal must include a discussion of significance of the work and what the participants will gain from the workshop. The conference organizers encourage multidisciplinary teams to submit their ideas and welcome anyone in the community to be facilitators of workshops. Workshop facilitators will be expected to submit a Workshop Summary and Outline to be included in the conference proceedings. NOTE: All submissions from the 2020 FYEE Conference were postponed to this year's conference. You are still encouraged to submit a proposal, but workshop slots are limited.

**Full Paper and Presentation –** Full Papers are accepted on the basis of an abstract (250-500 words). The final paper submission has a limit of 6 pages.

**Work-in-Progress Paper and Presentation –** Work-in-Progress Papers are accepted on the basis of an abstract (250-500 words). The final paper submission has a limit of 3 pages.

**GIFTS Paper, Presentation, and Handout** – If you have a classroom innovation or student success/advising process or model you would like to share, this is a great opportunity. GIFTS are accepted on the basis of an abstract (250-500 words). The final paper submission has a limit of 1 page. GIFTS authors are also encouraged to share more detailed resources with participants at the conference.

**Moderators** – Moderating is a great opportunity to be involved in the conference. If you are interested in moderating, please contact the Program Chair, Todd France (t-france.1@onu.edu), to sign up.

**Rapporteurs** – Rapporteurs are asked to share highlights, themes and common threads they observed, and key takeaways from the conference at our final closing session. FYEE has been using Rapporteurs for the past few years and it has been a great way to summarize the conference. Please contact the Program Chair, Todd France (t-france.1@onu.edu), to sign up.

Check https://sites.asee.org/fyee2021/ for up to date information about proposal submissions and registration.

**Full Papers, WIP, and GIFTS should focus on topics related to First-Year Engineering, including but not limited to:**
- Instruction/Pedagogy (e.g., curriculum design, ABET accreditation requirements and assessments, peer mentoring/teaching programs
- Student Success/Development (e.g., learning communities, development models and what best procedures to promote the professional development of the first-year student)

- Academic & Career Advising (e.g., exploring engineering, understanding today's student, students on non-traditional pathways and advising students on probation)
- Diversity, Equity, and Inclusion
- First-Year Student Orientation
- Enrollment Management
- Service Learning in the first year and beyond
- Current technologies and their impact/use for first year students (including Hardware / Software / Product demo and use)
- Maker Spaces
- Engineering Education Research as it applies to the first-year experience
- The Link Between K-12 and First Year Engineering
- Other topics that address issues in education

**Types of Submissions**
- [Click here for a more detailed description of Workshop Proposals](#)
- [Click here for a more detailed description of Full Papers](#)
- [Click here for a more detailed description of Works-In-Progress (WIP)](#)
- [Click here for a more detailed description of GIFTS](#)

*All authors on a paper will be expected to participate in the review process

**Submission Timeline**
- March 1, 2021:  Abstract & workshop submissions open
- March 22, 2021: Abstract & workshop submissions deadline
- April 5, 2021: Abstract & workshop proposal review deadline
- April 7, 2021: Abstract & workshop proposal accept/reject author notification
- May 31, 2021: Draft deadline for full papers, WIP, and GIFTS
- June 21, 2021: Draft peer review deadline for full papers, WIP, and GIFTS
- June 23, 2021: Draft for full papers, WIP, and GIFTS accept/reject author notification
- July 5, 2021: Revisions deadline for full papers, WIP, and GIFTS (if necessary)
- July 12, 2021: Author registration deadline
- July 12, 2021: Final upload deadline for full papers, WIP, GIFTS, and workshops
- August 9-10, 2021: Virtual FYEE Conference