



## 2021 ASEE Annual Conference Call for Papers

The **Engineering Design Graphics Division (EDGD)** invites papers for the 2021 ASEE Annual Conference and Exposition in Long Beach, California June 27-30, 2021 in all areas of engineering design graphics education that includes but is not limited to the following:

- innovative teaching pedagogy applied to flipped classroom, blended learning, online learning due to pandemic;
- course and curriculum assessment and improvement and ABET strategies;
- laboratory courses (including experiments) and hands-on projects;
- capstone design programs and design throughout the curriculum;
- integrating research and education;
- industry involvement in academia;
- outreach programs;
- maker space; and
- other trends in engineering design graphics education.

The two types of submissions are: Work-in-Progress (WIP) and Research or Evidence-Based Practice.

All Papers will be “publish-to-present,” which means:

- A favorable peer-review of a submitted abstract will lead to an invitation to submit a full paper. A favorable peer review of a submitted paper will lead to acceptance.
- Only accepted papers will be considered for inclusion in a Conference presentation.
- Presentation of the paper at the Conference is required for publication of the paper in the Conference proceedings. Formats for presentations are podium or poster sessions.
- All abstracts and papers must be submitted through ASEE’s Monolith System.
- Authors of Research or Evidence-Based Practice Papers will present in a traditional podium session with similarly themed papers.
- All WIP papers might be presented in a poster session as needed.

## Submission Guidelines

### Abstracts and Papers

Abstracts should be approximately 300-500 words in length and include the following information: a clear statement of objective, the relevance of the work to engineering graphics, analysis and/or assessment methods, results or findings, conclusions and future work. All abstracts must be submitted via the ASEE Monolith system and will be peer reviewed. Abstract submission opens on **September 8, 2020**. The deadline for abstract submission is **October 12, 2020**.

Abstract must follow the ASEE Abstract Format guidelines submission (<https://www.asee.org/annual-conference/2021/paper-management/for-authors>).



The first sentence of your abstract is to clearly identify the type of paper that you are proposing. For example, “This work in progress describes the study of....” or “This research paper presents the study of....”

1. **Work-in-Progress (WIP):** Studies that are at an early to intermediate stage for which authors are seeking feedback from the community. WIP abstracts should address the motivation and background of the work, methods, results (or anticipated results), and significance. Proposals for works-in-progress papers must include “WIP” in the title of the abstract.
2. **Research:** New findings, situated in the context of prior findings and models, including motivation and background of the work, methods, results, and implications of the work and/or future directions for research.
3. **Evidence-Based Practice:** Analysis of one or more engineering education practices in a graphics context, including teaching approaches, uses of instructional technologies, institutional strategies to support student success, etc.), including design rationale, assessment methods, evidence of effectiveness and/or achievement of desired outcomes. The criteria for abstracts listed above serve as the review criteria within each category. Literature citations should not be included in the abstract. Authors’ names or institutional names should not be included in the abstract, filename, or document properties. It is the author’s responsibility to ensure that the requirements for blind review are met.

Authors of accepted abstracts will be required to submit a full paper manuscript that follow ASEE’s Paper Format guidelines (<https://www.asee.org/annual-conference/2021/paper-management/for-authors>). Papers will be evaluated using criteria within each type as listed above, and the general criteria in the list that follows. Papers that fail to meet all the criteria may still be considered acceptable based on potential to further the EDGD objectives.

General evaluation criteria for all paper types:

- The manuscript is complete. Authors should not expect to make substantial changes in a manuscript following its acceptance.
- The study is likely to interest a broad group of engineering design graphics education researchers and/or practitioners.
- The work builds upon relevant references and bodies of knowledge.
- The findings or ideas presented are generalizable or transferable to other settings.
- The manuscript is clear and coherent.
- The study is original and innovative.
- The study advances engineering design graphics education and/or practice.

Please be aware that the guidance provided by ASEE shall supersede the guidance provided by EDGD.

All published papers are eligible for the division’s best paper award, aka Chair’s award. The award will be presented at the division’s 75<sup>th</sup> midyear conference, which will be held in Raleigh, North Carolina January 2022. The Division will also select the best nomination from the Division and forward to the



ASEE Committee on Diversity, Equity, and Inclusion for the Best Diversity, Equity, and Inclusion Paper Competition.

**Call for Workshops and Special Sessions:**

The EDGD also seeks proposals for engineering graphics related workshops and special sessions for the 2021 annual conference.

Proposals for Workshops or special sessions are due October 20, 2020 by email to the program chair ([sunl@erau.edu](mailto:sunl@erau.edu)).

- The proposal must be limited to 2 pages, 12-point font, single-spaced).
- A description of the workshop or special session including its purpose, format, learning goals, content, and activities.
- An explanation of why the non-traditional format is needed to accomplish the learning goals.
- A schedule.
- A list of presenters/facilitators and their contact information, along with a brief justification for their ability to successfully accomplish the stated goals.

Workshop presenters are required to cover the cost of the workshop and are therefore encouraged to supplement workshop fees with appropriate extramural grants and subsidies. (Please note that even after accepting a proposal, the program chair may cancel any workshop that becomes likely to incur a financial loss to the division.) Special sessions can be either a group of four or five related papers on a topic of significance or a panel of several distinguished experts. Please contact the EDGD program chair to discuss conference workshops and/or special session proposals.

Please forward this message to persons that may be interested in presenting their work, hosting a workshop, or formulating a panel at the 2021 Conference. If you have any questions, please contact the program chair.

If you are not a member of the EDGD, please add the EDGD free membership to your ASEE membership renewal.



## 2021 ASEE Annual Conference Timeline for Authors

*All deadlines occur at 23:59 ET (aka 11:59 PM ET) on the days/dates listed. Days/dates are subject to changes by ASEE. Authors are responsible for monitoring their Paper Management site.*

<b>Deadline</b>	<b>Description</b>
<b>Tuesday, September 8th, 2020</b>	Web Based System opens for Abstract, Workshop, Panel Session, and Distinguished Lecturer application submission
<b>Monday, October 12th, 2020</b>	Abstract must be submitted
<b>Monday, October 26th, 2020</b>	Abstract review deadline
<b>Monday, November 2nd, 2020</b>	Abstract accept or reject deadline
<b>Monday, February 8th, 2021</b>	Draft papers submission deadline
<b>Monday, March 22th, 2021</b>	Blind paper with revisions submission deadline
<b>Monday, April 12th, 2021</b>	Author registration deadline
<b>Monday, April 26th, 2021</b>	Deadline remove all blind indicators and upload Final Paper Deadline for Author Registration

For additional information, please contact:

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