

The **Engineering Leadership Development Division (LEAD)** of the American Society for Engineering Education (ASEE) seeks paper abstracts for the **2021 Annual Conference in Long Beach, CA, June 27-30, 2021**. The [LEAD division](#) is committed to advancing our shared understanding of engineering leadership theory and practice in order to enhance the contributions of engineering students and professionals to their respective institutions, industries, and society.

All paper submissions are publish-to-present. Papers submitted to technical sessions are peer reviewed through the LEAD Division process, and those accepted will appear in the ASEE Conference Proceedings. The first step in proposing a paper is to submit an abstract to the ASEE paper management by **Monday, October 12, 2020**. Abstracts for papers should be approximately 500 words long and will be peer reviewed. Once your abstract has been accepted, the first draft paper deadline is **Monday, February 8, 2020**. Paper submissions may include **research** studies or **practice** reports. We encourage papers that synthesize and identify trends in research of interest to the division, especially those aligned with the division's four [strategic initiatives](#):

1. **Inform:** Document the need for and value of engineering leadership (EL) education in academia and practice. E.g., review institutional calls to infuse leadership development into engineering education.
2. **Design:** Demonstrate evidence-based practices for designing, implementing, and sustaining engineering leadership programs. E.g., effective strategies for initiating and sustaining EL programming
3. **Explore:** Examine leadership theory and/or practice in engineering education or workplace contexts. E.g., longitudinal study of engineering leadership identity development in diverse student populations.
4. **Assess:** Evaluate the impact of curricular interventions, EL development models, or EL programs on engineering students and professionals. E.g., program evaluation of specific curricular innovations.

The LEAD division accepts abstracts for the following two **submission types**:

1. **Research papers** present new findings, situated in the context of prior research and existing models to reveal relationships, patterns, or models relevant to engineering leadership. Papers should include an introductory problem statement, review of relevant literature, a description of the research methodology, results, and implications of the work in furthering the LEAD division's strategic priorities. Research papers may take the form of literature reviews, meta-analyses, empirical studies, or theory development. *The LEAD Division's [2020 Best Paper](#) by T. M. Chowdhury et al. exemplifies this paper type.*
2. **Practice papers** provide a description and analysis of one or more engineering leadership education practices related to the topic areas above. These papers are not required to include formal literature reviews, but authors must cite engineering education theories or frameworks relevant to the highlighted practice, include some measure of effectiveness, and identify implications for EL educators in other contexts. Practice papers may take the form of case studies, curricular innovation, EL assessment tool development, or program evaluation. *This [2019 paper](#) by D. Bayless exemplifies this paper type.*

Papers published in the ASEE conference proceedings are typically **10-15 pages** long and include references to engineering leadership literature—a formal literature review in the case of research papers and a citation of key engineering leadership concepts in the case of practice papers.

Both research and practice papers can be submitted as **Work-in-Progress (WIP) papers**. WIP papers are **3-5 page** extended abstracts reporting on projects that are not yet fully developed and/or are only supported by preliminary data. Authors are encouraged to summarize the work completed to date based on one of the two full-paper submission types described above.

Abstracts will be peer-reviewed by members of the LEAD community. They should be **250-500 words in length** and **include**:

- Guiding question, problem statement, or key project objectives,
- Theoretical perspective, conceptual framework, or pedagogical approach being used,
- Research or evaluation methods used, including data sources, metrics of success, and approach,
- Preliminary findings,

- Implications for engineering leadership educators and/or researchers,
- Significance to LEAD division members, and
- Submission type (research or practice).

Depending on the number of papers submitted, some papers, such as WIPs, may be moved to a poster-presentation format. We welcome studies utilizing quantitative, qualitative, or mixed research methods and encourage student-authored papers. Please refer to the [ASEE paper rubric](#) for important paper qualities and the [2021 ASEE Author's Kit](#) for detailed formatting guidelines. The ASEE paper rubric is used to evaluate the Division's [Best Paper Award](#).

Workshop proposals are also accepted by the division. General instructions for submitting and facilitating workshops at the annual conference are available [here](#). All workshops will be offered on Sunday, June 27 from 9:00 am to 12:00 pm. Please note that ASEE charges presenters a \$150 application fee to offer a workshop. *Limited slots for Workshops are available, so please contact program chairs early to discuss potential topics.*

All abstracts, revised drafts, and final papers will be submitted electronically through the Monolith system at <https://www.asee.org/annual-conference/2021>. Abstract submissions will be open between **September 8 and October 12, 2020**. As our division's Program Co-Chairs, feel free to contact us at mvaughan@utep.edu or cindy.rottmann@utoronto.ca with questions.

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