

MATERIALS DIVISION CALL FOR PAPERS

The Materials Division invites paper submissions for the 2023 Annual American Society for Engineering (ASEE) Conference in Baltimore, Maryland. Papers will be accepted on a publish-to-present basis. The Materials Division accepts papers ranging from detailed research projects to scholarship of teaching papers. *Works in Progress* are welcome; please denote as such when submitting an abstract.

Papers that address issues relevant to materials education including, but not limited to, the topics listed below are welcome for submission.

- General pedagogical innovations in materials teaching (*i.e.* active learning, project-based learning, problem-based learning)
 - Advances in materials laboratory courses (*i.e.* experiment design, report writing)
 - Application of materials concepts in the context of other disciplines: integration of materials education in design projects or typically non-materials courses
 - Personalized learning
 - Academia-industry collaborations
 - Incorporation of technology and computational tools in the materials classroom
 - Online learning strategies for materials education
 - Innovations and best practices in introductory materials courses
 - Introducing topics of sustainability and life cycle within materials curriculum
 - Materials in K-12 education and outreach

Abstracts and subsequent papers should be submitted via the [ASEE paper management system](#). At least one author for each accepted paper is required to register for and present the paper at the conference. Author guidelines and author kit can also be found on the ASEE website.

Key Deadlines

- October 3rd, 2022- Abstract submissions open
- October 31st, 2022- Abstract submissions close
- January 31, 2023- Draft submissions close
- April 30, 2023 - Final paper submissions close

Please contact the Program Chair Kaitlin Tyler (kaitlin.tyler@ansys.com) with any questions.

We are also accepting nominations for the New Materials Educator and Michael Ashby Outstanding Materials Educator Awards. Please check our [website](#) for more information and contact our Awards Chair Prof. Alison Polasik (polasik@campbell.edu) with any questions.