



SWDIV 2021 ASEE Annual Conference Call for Papers

Deadline for abstract submission: Oct. 12, 2020

The Software Engineering Division (SWDIV) invites abstracts for papers, workshops, and special sessions for the 2021 American Society for Engineering Education (ASEE) annual conference to be held in Long Beach, California, June 27-30, 2021. Authors may submit abstracts on any topic related to software engineering education including

- improving diversity, equity, inclusion, and retention within software engineering programs,
- software engineering curriculum development, assessment, and accreditation, including implementing changes related to ABET-EAC criteria 3 and 5,
- teaching tools and practices at all levels: K-12, undergraduate, graduate, and practicing professionals,
- novel approaches to capstone experiences,
- courseware supporting software development,
- processes and tools, including those related to system security, privacy, and other aspects of robust software systems,
- interaction with computer science and computer engineering programs,
- interdisciplinary projects and courses with design significance given to software components,
- systems engineering of large-scale software-intensive systems, and
- building software systems in which data science, artificial intelligence, and related technologies play a key role.

We encourage submissions from authors not directly in software engineering whose work describes educational approaches for teaching software development within their discipline. This includes more traditional computer science programs as well as other engineering disciplines. Authors can submit work that is not fully developed as a work-in-progress (WIP) by including a WIP designation in the title.

Abstracts must be submitted through the ASEE's submission system by Oct. 12, 2020. Each abstract should be approximately 500 words. Authors are encouraged to read the Author's Kit available on the conference website (<https://www.asee.org/annual-conference/2021/paper-management/for-authors>) for additional information about submission procedures.

SWDIV also seeks proposals for software engineering-related workshops and special sessions for the 2021 annual conference. Workshops are presentations on software engineering-related topics of interest to engineering educators and are intended to be highly interactive. Special sessions can take the form of a discussion panel or a group of papers on a topic of significance. Please submit proposals to the program chair.

Contact the program chair, Dr. Robert Hasker (hasker@msoe.edu) for additional information.