

Microelectronic Systems Education Workshop

Held in-conjunction with GLSVLSI 2025

July 1, 2025, New Orleans, LA, USA

<http://www.glsvlsi.org/>



Workshop Co-Chairs

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Workshop Overview: The 1st edition of a *Microelectronic Systems Education Workshop* co-located with *Great Lakes Symposium on VLSI (GLSVLSI)* will be held as an in-person only workshop. Original, unpublished papers describing educational research, demonstrations, and immersive seminars are sought in the broad areas of microelectronics, VLSI, and hardware design education.

Workshop Scope: The Workshop on Microelectronic Systems Education is a one-day in-person only event focusing on pedagogical innovations in all microelectronics-related topics such as materials, processing, device theory, ASIC, FPGA, multicore, GPU, TPU, novel curricula and laboratories, AI/ Large Language Models/ Machine Learning in electronics education, assessment methods, distance learning, textbooks, and design projects, industry and academic collaborative programs and teaching methods at all levels (K-12, 2-year & 4-year college).

Workshop Agenda (Tentative)

9:00 Welcome and Overview
9:15 Keynote Presentation
10:15 Break
10:30 Paper Presentation Session #1
12:00 Lunch
1:30 Immersive Sessions (in parallel)

2:30 Panel Discussion
3:30 Break
3:45 Paper Presentation Session #2
5:00 Demo and Poster Session
7:30 GLSVLSI Conference Banquet
(included in Workshop Registration)

Paper Submission: Authors are invited to submit full-length (six pages maximum), original, unpublished papers along with an abstract of at most 200 words. To enable blind review, the author list should be omitted from the main document. Previously published papers or papers currently under review for other conferences/journals should NOT be submitted and will not be considered. Electronic submission in PDF format to the <http://www.glsvlsi.org> website is required. Author and contact information (name, affiliation, mailing address, telephone, fax, e-mail) must be entered during the submission process. Title your paper with "Paper: <remainder of title>" before uploading.

Paper Format: Submissions should be in camera-ready two-column format, following the ACM proceedings specifications located at: <https://www.overleaf.com/latex/templates/association-for-computing-machinery-acm-sig-proceedings-template/bmvfhcdnxfty> and the classification system detailed at: <http://www.acm.org/publications/class-2012>

Demo and Immersive Activity Proposals: Attendees interested to present are invited to submit a one-page proposal for a one-hour Immersive Workshop they will deliver, including a weblink to any content already available for viewing. Those interested to demonstrate their instructional technology or video of current practices in Microelectronic Systems Education are invited to submit a paragraph describing their demo and any infrastructures needed to set up their demo. Title your submission with "Demo: <remainder of title>" or "Immersive: <remainder of title>" before uploading.

Publication and Presenter Registration: Papers will be accepted for regular or poster presentations at the workshop. Every accepted paper/demo/seminar MUST have at least one author registered at the one-day WORKSHOP rate of \$400 prior to when the final camera-ready paper is submitted. The WORKSHOP registration is a flat rate regardless of conducting a paper, poster, immersive seminar, or demo presentation. Likewise, the WORKSHOP student registration fee is \$400. At least one of the authors is also expected to attend the workshop and present in-person; virtual presence capabilities are not available for this workshop. Accepted papers will be published in proceedings while posters will have a 2-page paper published in the proceedings. Immersive seminars and demonstrations will not have content that appears in the proceedings, except for the title and presenters being stated in the workshop chairs overview narrative.

Paper submission deadline: ~~March 7, 2025~~ **extended to March 24, 2025 (11:59pm EST)**
Acceptance Notification: TBD
Camera-Ready: TBD
Submission/Registration Website: <http://www.glsvlsi.org/>