IEEE COMPEL 2027

28th Workshop on Control and Modeling for Power Electronics

June 14-17, 2027 – Austin, Texas

The University of Texas at Austin



CALL FOR PAPERS

This workshop brings together researchers, engineers and students from academia and industry for an interactive discussion on the latest advances in modeling, simulation, analysis, and control of power electronic devices, circuits, and systems.

Although COMPEL was started to place special emphasis on modeling and control, intelligent design and optimization techniques for power electronics..

ALL TOPICS RELATED TO POWER ELECTRONICS ARE WELCOME!

COMPEL 2027 will also feature a session highlighting advances in power electronics and engineering **education**. We welcome contributions that reimagine how power electronics is taught, with a particular emphasis on hands-on learning experiences.

PAPER SUBMISSION

Prospective authors should submit a digest not exceeding five single-column double-spaced pages in PDF format. References do not count towards the page limit. The digest must include a title and a 100-word (max) abstract, but no indication of authors' names or affiliation. The digest and additional author information must be submitted through our portal. If accepted, authors will be required to submit a 3 minute elevator pitch for their talk to be considered for oral presentation. Further details will be posted on the Digest Information page of our website.

TUTORIALS

We are also accepting proposals for tutorial sessions. More details can be found on the Tutorials Page of our website.

IMPORTANT DATES

Tutorial Proposal Deadline	February 19, 2027
Digest Submission	February 19, 2027
Notification of Acceptance	March 26, 2027
Oral Pitch Submission	April 9, 2027
Oral Notification	May 10, 2027
Final Material Submission	June 1, 2027

VENUE Welch Hall



GENERAL CHAIR Prof. Alex J. Hanson

QUESTIONS? Email compel2027organizers@gmail.com