

IEEE/ACM INTERNATIONAL SYMPOSIUM ON  
LOW POWER ELECTRONICS AND DESIGN (ISLPED)  
University of Iceland, Reykjavik, Iceland.  
August 6 – 8, 2025

## Call for Low Power Design Contest

Submission Deadline: 11:59 PM AoE, May 12, 2025

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The International Symposium on Low Power Electronics and Design (ISLPED) is holding the International Low Power Design Contest to provide a forum for showcasing design approaches and system solutions targeting power and energy-efficiency improvements. The goal is to encourage innovative design-oriented approaches for power reduction from both academic and industrial contributors.

The accepted power-aware design submissions will be invited for presentations at ISLPED 2025 in a special session specifically devoted to the Low Power Design Contest at the conference. **\*\*NEW THIS YEAR\*\*** The 2-page abstract of each accepted demo will also be published in the IEEE/ACM conference proceedings (unless explicitly requested otherwise by the authors).

The presenting author of each selected design will be eligible for a 50% registration fee discount. Note that regular ISLPED papers still require at least one full registration per paper. Awards will be given for the best design based on the quality of the live demonstration and presentation.

The deadline for submissions is May 12, 2025 at 11:59 PM AoE (Anywhere on Earth). The manuscript must be submitted electronically via the ISLPED submission website <https://softconf.com/p/islped2025-dc/>

If you have any questions regarding the contest please don't hesitate to [contact](#) our design-contest co-chairs. Acceptance and rejection notices will be emailed to the corresponding authors by June 15, 2025.

### Design-Contest Co-Chairs:

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# CONTEST SUBMISSION GUIDELINES

- Submissions of **original designs developed at universities OR in industry are invited**. Designs submitted to previous ISLPED Design Contests are not eligible. Designs that have already received an award in other contests can be submitted but are not eligible for the ISLPED design contest award. Designs related to the regular papers submitted to ISLPED 2025 or papers published in other conferences after January 1, 2023 are also welcome. In such a case, the authors must include a reference to the corresponding paper in the demo proposal.
- A 2-page demo proposal is required and must be submitted prior to the deadline. Designs completed prior to January 1, 2023 are not eligible. The demo proposal should follow the format of a regular ISLPED conference paper and contain the title of the project, a 60-word abstract, a description of the design, and the demonstration plan at the conference venue. **\*\*NEW THIS YEAR\*\*** The 2-page abstract of each accepted demo will also be published in the IEEE/ACM conference proceedings (unless explicitly requested otherwise by the authors). Refer to the following link for the paper template in MS Word or LaTeX format: <https://www.acm.org/publications/proceedings-template>
- Submissions may contain but are not limited to proof-of-implementation in the form of silicon chip, board or system photographs and software etc. A design contest entry purely focusing on optimization techniques/algorithms or using only tools/simulations without any actual implementation is not suitable for the contest. However, entries contributing towards an open-source tool development focusing on power-aware design can be submitted. The submission should clarify the originality, distinguishing features, and the measured power/energy and performance metrics of the design. The power/energy targets of the design and the design choices, specific optimizations techniques and tradeoffs used to reduce power/energy need to be highlighted.
- Selected designs will be briefly presented at the Symposium in a **special session**. **An in-person demonstration during the conference is also mandatory**, and the **final design contest award** will be selected based on the demonstration and the presentation.