

**ACM/IEEE INTERNATIONAL SYMPOSIUM ON LOW POWER  
ELECTRONICS AND DESIGN**

# **12<sup>th</sup> International Low Power Design Contest**

**Redondo Beach, California, USA; July 30-August 1, 2012  
[www.islped.org](http://www.islped.org)**

**Submission deadline: 11:59PM Pacific Daylight Time, May 18<sup>th</sup>, 2012.**

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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 universities to showcase original "power-aware" designs and to highlight the design innovations targeting power efficiency improvement. The goal is to encourage and highlight design-oriented approaches for power reduction.

The best designs will be selected and invited for presentations at ISLPED 2012. A special session in the symposium will be devoted to the Low Power Design Contest. An industry-sponsored cash award will be awarded to each selected design entry (up to 5 entries may be selected).

The deadline for submissions is **11:59PM Pacific Daylight Time, May 18<sup>th</sup>, 2012**. The manuscript should be submitted online via the ISLPED submission website. The author name(s) and affiliation(s) must be omitted in the main manuscript for blind reviews. A separate cover page needs to be emailed to both Design Contest Chairs. Acceptance and rejection notices will be emailed to the contact author by June 22, 2012.

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ACM/IEEE International Symposium on Low Power Electronics and Design Homepage:  
<http://www.islped.org>

## CONTEST SUBMISSION GUIDELINES

- **The manuscript must not include name(s) or affiliation(s) of the author(s) anywhere for blind review. Papers that violate this anonymity requirement will be automatically rejected without review.**
- Submissions must present proof-of-implementation in the form of silicon chip, board or system photographs and measurement data etc. An entry purely focusing on optimization techniques/algorithms/tools/simulations is not suitable for the contest.
- Submissions of original designs developed at universities by students and faculty members are invited. Designs completed prior to January 1, 2011 are not eligible. Designs submitted to previous ISLPED Design Contests are not eligible.
- The 4-6 page manuscript should follow the format of a regular ISLPED conference paper and contain the title of the project, a 60-word abstract and a complete description of the design. Refer to the following link for the paper template in word or latex format: <http://www.acm.org/sigs/publications/proceedings-templates/>
- The submission should clarify the originality, distinguishing features, and the measured performance metrics of the design. The power targets of the design, the design choices related to power, and the specific optimizations, techniques and tradeoffs used to reduce power need to be highlighted.
- Submitted designs should not have received any awards in other contests.
- Designs related to the regular papers submitted to this year's ISLPED may be submitted to the contest. They will be judged independently. However, in such a case, the authors need to explicitly state that they have submitted a regular paper as well in the cover page. The Design Contest entry should be also qualitatively different from the regular paper submission and should specifically focus on the design description and measurements, including the proof-of-implementation. For the papers accepted as regular papers/posters, a related submission to the Design Contest may be accepted or rejected based on the content overlaps with the regular paper/poster and the overall balance of the technical program of the Symposium.
- Selected designs will be presented at the Symposium in a special session and/or as posters.
- Selected entries will not be published in the ISLPED conference proceedings and the authors can re-submit the related papers to other conferences.
- Each submission should include a cover page in a separate PDF file which includes:
  1. Name, affiliation and address of each author;
  2. A designated presenter, should the entry be accepted;
  3. A statement on whether a related paper was also submitted to this year's ISLPED as a regular submission;
  4. The following statement: "All appropriate organizational approvals for the publication of this paper have been obtained. If accepted, the author(s) will select a designated speaker to present the paper at the Symposium."
  5. Correspondent author, including his/her telephone number, fax number, email address, and his/her signature.

The cover page needs to be emailed to both Design Contest Chairs. A template of the cover page will be provided on the ISLPED website.