

CALL FOR PAPERS – ISPD 2021

ACM International Symposium on Physical Design

March 21-24, 2021

Silicon Valley, California and virtual participation across the world

Sponsored by ACM SIGDA with Technical Co-sponsorship from IEEE CAS

The International Symposium on Physical Design provides a premier forum to exchange ideas and promote research on the physical design of VLSI systems. ISPD 2021 will feature state-of-the-art research from across the globe on traditional physical design topics related to ASIC and FPGA as well as emerging technologies in the area. For ISPD 2021, there will be a mix of in-person and virtual participation, with live video and recorded sessions for those connecting virtually. We will also pay tribute to Dr. Louis Scheffer for his contribution to the physical design community.

Topics of interest include but are not limited to:

Floorplanning and interconnect planning

Partitioning, placement, and routing

Clock and power networks

Timing and power estimation and modeling

Design for manufacturability and yield

Physical synthesis

Physical design for emerging technologies

Hardware security-related physical design

Interactions with system and logic level design

Data management, multi-threaded/distributed algorithms

Circuit analysis in a physical design context

Machine learning for physical design

For more information please go to ispd.cc.

IMPORTANT DATES

Title and abstract submission deadline

October 2, 2020

Full manuscript submission deadline

October 12, 2020

Acceptance notification

November 13, 2020

Camera-ready paper due

End of January 2021

Symposium

March 21-24, 2021

SUBMISSION OF PAPERS

All papers must be submitted electronically via <https://easychair.org/conferences/?conf=ispd2021>. Details will be posted on the website <http://www.ispd.cc>. Potential authors will be required to submit full-length, original, unpublished papers (a maximum of 8 pages in ACM conference format). The ACM Press will publish accepted papers in the symposium proceedings. ISPD will recognize excellent contributions through a Best Paper Award. Selected papers will be invited to submit the extended version of their work to a special issue journal.

Previously published papers or papers currently submitted for publication to other conferences/journals will not be considered. If related papers have been previously published or have been submitted elsewhere for publication, the authors should clearly state the differences between these papers and the current submission. All submitted papers will be under blind review, and thus they must not include the name(s) or affiliation(s) of the author(s) anywhere in the manuscripts. Failure to comply with these requirements will result in an automatic rejection.

For ISPD 2021, we ask the authors to provide slides (and if possible videos) of their presentation. These slides will be published on the ISPD website. The authors will retain the copyright for the slides. We will also be video recording the conference sessions and would be putting the sessions online for the conference attendees.

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