The International Symposium on Physical Design provides a premier forum to exchange ideas and promote research on critical areas related to the physical design of VLSI systems. All aspects of physical design, including its interactions with architecture, behavioral- and logic-level synthesis, and back-end performance analysis and verification are within the scope of the symposium. Target domains include semi-custom and full-custom ICs, regular fabrics, FPGAs, and systems-on-chip/systems-in-package. Following its twenty-five predecessors, the 2017 symposium will highlight key new directions and leading-edge theoretical and experimental contributions to the field. The ACM Press will publish accepted papers in the Symposium proceedings. ISPD will recognize excellent contributions through a Best Paper Award. There will also be a special issue in ACM TODAES for ISPD 2017 papers. Topics of interest include but are not limited to:

- Floorplanning and interconnect planning
- Interactions with system and logic level design
- Partitioning, placement and routing
- Analysis and management of power dissipation
- Physical design for manufacturability and yield
- Management of design data and constraints
- Synthesis optimizations within physical design
- New physical design methodologies
- Estimation and modeling
- Physical design for FPGAs
- Timing and crosstalk issues in physical design
- Circuit performance measurements in a PD context
- Special structures for clocking and power networks
- Multithreaded/distributed algorithms for physical design
- Physical design for emerging process technologies
- Hardware security related physical design

**IMPORTANT DATES**

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<td>Full manuscript submission</td>
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**SUBMISSION OF PAPERS**

All papers must be submitted electronically via [https://easychair.org/conferences/?conf=ispd2017](https://easychair.org/conferences/?conf=ispd2017). Details will be posted on the website [http://www.ispd.cc](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 Potential authors will be required to submit full-length, original, unpublished papers (a maximum of 8 pages in ACM conference format) along with an abstract of at most 200 words and contact author information (name, mailing address, telephone/fax, e-mail). *Previously published papers or papers currently submitted for publication to other conferences/journals will not be considered. If one or more related papers have been previously published or have been concurrently 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 reviews, and thus they must not include name(s) or affiliation(s) of the author(s) anywhere in the manuscripts. Failure to comply with these requirements will result in automatic rejection.*

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