

CALL FOR PAPERS

35th ACM SIGMOD–SIGACT–SIGART Symposium on

PRINCIPLES OF DATABASE SYSTEMS (PODS 2016)

June 27 - June 29, 2016, San Francisco, California, USA

Program Chair:
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The Principles of Database Systems (PODS) symposium series, held in conjunction with the SIGMOD conference series, provides a premier annual forum for the communication of new advances in the theoretical foundations of data management, traditional or non-traditional (see *http://www.sigmod.org/the-pods-pages*).

Topics of Interest For the 35th edition, PODS continues to aim to broaden its scope, and calls for research papers providing original, substantial contributions along one or more of the following aspects:

- deep theoretical exploration of topical areas central to data management
- new formal frameworks that aim at providing a basis for deeper theoretical investigation of important emerging issues in data management
- validation of theoretical approaches from the lens of practical applicability in data management

Any topic related to the principles of data management is relevant to this symposium. Examples of topics that are relevant to this symposium include the following:

- design, semantics, query languages
- data models, data structures, algorithms for data management
- concurrency and recovery, distributed and parallel databases, cloud computing
- model theory, logics, algebras, computational complexity
- graph databases and (semantic) Web data
- data mining, information extraction, search
- data streams
- data-centric (business) process management, workflows, web services
- incompleteness, inconsistency, uncertainty in databases
- data and knowledge integration and exchange, data provenance, views and data warehouses, metadata management
- domain-specific databases (multi-media, scientific, spatial, temporal, text)
- deductive databases
- data privacy and security

Submission Format: Submitted papers must be formatted using the designated style file (sig-alternate-10.cls) which uses 10pt font size and line spacing of 11pt using the "\documentclass{sig-alternate-10}" command in your LaTeX document. Submitted papers should be at most twelve pages, excluding bibliography. Additional details may be included in an appendix, which, however, will be read at the discretion of the PC. *Papers that are longer than twelve pages (excluding the appendix) or in font size smaller than 10pt or with line spacing less than 11pt risk rejection without consideration of their merits.* The submission process will be through the Web at *easychair.org/conferences/?conf=pods2016*. Note that, unlike the SIGMOD conference, PODS *does not* use double-blind reviewing, and therefore PODS submissions should have the names and affiliations of authors listed on the paper.

The results of submitted paper must be unpublished and not submitted elsewhere, including the formal proceedings of other symposia or workshops. Authors of an accepted paper will be expected to sign copyright release forms, and one author is expected to present it at the conference.

Important Dates: There are two submission deadlines as below. The first submission cycle involves an opportunity for revising and resubmitting a paper, while the second submission cycle does not. Papers submitted in the first cycle are *not allowed* to be re-submitted to the second cycle.

Dates for first submission cycle:
October 2, 2015, 4:59pm PST: Abstract submission
October 9, 2015, 4:59pm PST: Paper submission
December 18, 2015, 4:59pm PST: Accept/Reject/Revise notification
January 29, 2016, 4:59pm PST: Revised submission
March 4, 2016:, 4:59pm PST: Accept/Reject notification

Dates for second submission cycle:
November 27, 2015, 4:59pm PST: Abstract submission
December 4, 2015, 4:59pm PST: Paper submission
March 4, 2016, 4:59pm PST: Accept/Reject notification

Awards: *Best Paper Award:* An award will be given to the best submission, as judged by the program committee.
Best Student Paper Award: There will also be an award for the best submission, as judged by the program committee, written by a student or exclusively by students. An author is considered as a student if at the time of submission, the author is enrolled in a program at a university or institution leading to a doctoral/master's/bachelor's degree.
The program committee reserves the right to give both awards to the same paper, not to give an award, or to split an award among several papers. Papers authored or co-authored by program committee members are not eligible for an award.