

CALL FOR PAPERS

37th ACM SIGMOD–SIGACT–SIGART Symposium on

PRINCIPLES OF DATABASE SYSTEMS (PODS 2018)

June 11 – June 13, 2018, Houston, Texas, USA

`http://sigmod2018.org`

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Important Dates

First Submission Cycle:

Abstract submission	Jun 15, 2017
Paper submission	Jun 22, 2017
First notification	Aug 31, 2017
Revision deadline	Sep 28, 2017
Final notification	Nov 02, 2017

Second Submission Cycle:

Abstract submission	Dec 12, 2017
Paper submission	Dec 19, 2017
Final notification	Feb 27, 2018

All deadlines end at 11:59pm AoE.

The 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 `https://databasetheory.org/PODS`). For the 37th 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 the basis for deeper theoretical investigation of important emerging issues in data management; and*
- *validation of established theoretical approaches from the lens of practical applicability in data management. Papers in this track should provide an experimental evaluation that gives new insight in established theories. Besides, they should provide a clear message to the database theory community as to which aspects need further (theoretical) investigation, based on the experimental findings.*

Topics that fit the interests of the symposium include, but are not limited to:

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

Submission Guidelines: 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 that should be incorporated at the submission time (online appendices are not allowed). However, such appendices will be read at the discretion of the program committee. Papers that are longer than twelve pages (excluding bibliography and 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 is online, using `https://easychair.org/conferences/?conf=pods2018`. Notice that 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.