CALL FOR PAPERS

33rd ACM SIGMOD–SIGACT–SIGART Symposium on

PRINCIPLES OF DATABASE SYSTEMS (PODS 2014)

June 23 - June 25, 2014, Snowbird, Utah, USA

Program Chair:

Martin Grohe
RWTH Aachen University
grohe@informatik.rwth-aachen.de

Program Committee:

Serge Abiteboul *(INRIA Saclay)*
Pablo Barcelo *(Universidad de Chile)*
Jan van den Bussche *(Hasselt U.)*
Andrea Cali *(Birkbeck College)*
Sara Cohen *(Hebrew University)*
Dario Colazzo *(Université Paris Sud)*
Claire David *(Université Paris Est MLV)*
Daniel Deutch *(Ben Gurion U.)*
Thomas Eiter *(TU Wien)*
Alexandre Evfimievski *(IBM Almaden)*
Roberto Grossi *(Università di Pisa)*
Sudipto Guha *(U. of Pennsylvania)*
André Hernich *(U. of Liverpool)*
David Karger *(MIT)*
Kristian Kersting *(U. of Bonn)*
Jure Leskovec *(Stanford)*
Sebastian Maneth *(U. of Edinburgh)*
Gabriele Puppis *(LaBRI)*
Dan Suciu *(U. of Washington)*
Tony Tan *(Hasselt University)*
Wang-Chiew Tan *(UC Santa Cruz)*
Yufei Tao *(Chinese U. of Hong Kong)*
Ke Yi *(Hong Kong U. of Sci. and Tech.)*

PODS General Chair:

Richard (Rick) Hull
IBM T.J. Watson Research

Proceedings & Publicity Chair:

André Hernich
University of Liverpool

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 http://www.sigmod.org/the-pods-pages).

Topics of Interest

Topics that fit the interests of the symposium include the following:

design, semantics, and optimization of query and database languages;
data modeling; data structures and algorithms for data management;
dynamic aspects of databases (updates, views);
query languages for semi-structured data (including XML and RDF);
search query languages (including techniques from information retrieval);
web services; automatic verification of database-driven systems;
incompleteness, inconsistency, and uncertainty in databases;
constraints (specification, reasoning, mining, constraint databases);
domain-specific databases (multi-media, scientific, spatial, temporal, text);
schema and query extraction;
mining and learning of data models and queries;
data integration; data exchange;
provenance; workflows;
metadata management; meta-querying;
semantic, linked, networked, and crowdsourced data;
foundation of "big data" ;
recommendation systems and social networks;
distributed and parallel aspects of data management; cloud computing and distributed query processing;
data streams; real-time and sensor data; approximate query answering;
privacy; security;
model theory, logics, algebras and computational complexity.

Submission Format

Submitted papers should be at most twelve pages, including bibliography, using reasonable page layout and font size of at least 10pt (note that the SIGMOD style file does not have to be followed). Additional details may be included in an appendix, which, however, will be read at the discretion of the PC. *Papers longer than twelve pages (excluding the appendix) or in font size smaller than 10pt risk rejection without consideration of their merits.* The submission process will be through the Web at *http://www.easychair.org/conferences/?conf=pods2014*. Note that, unlike the SIGMOD conference, PODS does not use double-blind reviewing.

The results 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

Short abstracts due:	25 November 2013
Paper submission:	2 December 2013
Notification:	24 February 2014

Awards

Best Paper Award: An award will be given to the best submission, as judged by the PC.

Best Student Paper Award: There will also be an award for the best submission, as judged by the PC, 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 PC 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 PC members are not eligible for an award.