TPCTC 2011

3rd International Conference on Performance Evaluation and Benchmarking

TPC Transaction Processing Performance Council

VLDB2011
37th International Conference on Very Large Data Bases

August 29, 2011, Seattle, WA, USA

Call for Papers

The Transaction Processing Performance Council (TPC) is a non-profit organization, founded in 1988, to define transaction processing and database benchmark standards. The TPC has had a significant impact on the computing industry's use of industry-standard metrics like performance and price-performance. Vendors use TPC benchmarks to illustrate performance competitiveness for their products, and to improve and monitor the performance of their products under development. Many buyers use TPC benchmark results as points of comparison when purchasing new computing systems.

The technology landscape is continually evolving and challenging industry experts and researchers to develop innovative techniques to evaluate and benchmark computing systems. The TPC remains committed to developing new benchmark standards and enhancing existing standards to keep pace. The sponsorship of the Technology Conference on Performance Evaluation and Benchmarking (TPCTC) is directed towards achieving these goals.

With this conference, the third in the series, the TPC encourages researchers and industry experts to submit novel ideas and methodologies in performance evaluation, measurement, and characterization. Topics of interest include, but are not limited to:

- Cloud computing
- Social media infrastructure
- Business intelligence
- Complex event processing
- Database optimizations

- Green computing
- Disaster tolerance and recovery
- Energy and space optimizations
- Hardware innovations
- Hybrid workloads

- Virtualization
- Lessons learned in practice using TPC workloads
- Enhancements to TPC standards

Selected papers may be considered for future benchmark standard developments and enhancements to existing benchmark standards.

Submission Guidelines
Authors are invited to submit original, unpublished papers that are not currently under review for any other conference or journal. We also encourage the submission of extended abstracts, position statement papers and lessons learned in practice. The length of a paper should not exceed 16 pages. Papers should follow the LNCS format. The title page must contain a short abstract. All papers should be submitted electronically in Adobe PDF format to the review website at https://cmt.research.microsoft.com/tpctc2011/.

Important Dates
Abstracts due: May 23, 2011
Papers due: May 30, 2011
Notification of acceptance: June 30, 2011
Camera-ready copies: July 15, 2011
Conference date: August 29, 2011

Conference Venue and Registration
Please visit the VLDB 2011 conference website at http://www.vldb.org/2011.

Proceedings
The proceedings will be published by Springer in the series of Lecture Notes in Computer Science (LNCS), in hard copy and electronic form.

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Organization

General Chairs:
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Meikel Poess, Oracle, USA, meikel.poess@oracle.com

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Keynote Speaker:
Umeshwar Dayal, HP Labs, USA

Invited Speaker:
Karl Huppler, IBM, USA

About TPC
The TPC is a non-profit corporation founded to define transaction processing and database benchmarks and to disseminate objective, verifiable TPC performance data to the industry.

The TPC currently has 19 full members: AMD, Bull, Cisco, Dell, Fujitsu, HP, Hitachi, IBM, Ingres, Intel, Microsoft, NEC, Oracle, ParAccel, Sybase, Syncsort, Teradata, Unisys and VMware; and four associate members: Ideas International, ITOM International Co , Telecommunications Technology Association and University of Coimbra. Further information is available at http://www.tpc.org.

Special invitation for academic and government institutions can be found at http://www.tpc.org/information/specialinvitation.asp.

About VLDB
Very Large Data Base Endowment Inc. (VLDB Endowment) is a non-profit organization incorporated in the United States for the sole purpose of promoting and exchanging scholarly work in databases and related fields throughout the world. One of its vehicles for achieving its objectives is the sponsorship and support of the annual VLDB conference, a premier annual international forum for database researchers, vendors, practitioners, application developers, and users.

VLDB 2011, the 37th conference in the series, will take place at the Westin Hotel in Seattle, WA on August 29 - September 3. The conference will feature research talks, tutorials, demonstrations, and workshops. It will cover current issues in database and information systems research. Databases remain one of the technological cornerstones of emerging applications of the twenty-first century.
Further information is available at http://www.vldb.org/2011.

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