

VLDB2018

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**Proceedings of the 44th International Conference on
Very Large Data Bases, Rio de Janeiro, Brazil**

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The Proceedings of the VLDB Endowment (PVLDB) provides a high-quality publication service to the data management research community. Each volume offers twelve monthly submission deadlines on the first of each month and a quick, six week, reviewing cycle. This publication model was pioneered by PVLDB and combines a journal-style reviewing process, which includes a three month revision cycle, with the agility and visibility provided by rapid on-line publication and presentation at the annual VLDB conference.

This is the ninth issue of the eleventh volume of the PVLDB.

PVLDB attracts many submissions, and the PVLDB reviewing process is implemented by a large team. The Review Board of PVLDB Volume 11 consists of 201 expert researchers, and reviewing is coordinated by 18 Associate Editors. Board members provide timely (within a 4-week deadline) high-quality reviews, and participate in online discussions with the Associate Editors and the other reviewers assigned to each paper. In order to honor these efforts, this year PVLDB will be recognizing outstanding reviewers. For this purpose, we are gathering feedback from the Associate Editors as well as from the authors, who in a feedback phase are asked to judge the quality of the reviews. These outstanding reviewers will be honored at the 44th VLDB conference, to be held in Rio de Janeiro, Brazil, on August 27-31, 2018. Here also the large majority of the PVLDB Volume 11 papers will be presented.

Issue 9 covers various topics in query processing and optimization such as selectivity estimation, semantic querying on text, datalog reasoning, and top-k queries, as well as optimization for data analytics and explanations and repair. It also covers graph processing and optimization such as trajectory simplifications, network delay minimization and influence maximization. We hope that the selected papers will provide insight to the readers and create impact by inspiring additional novel contributions.

Sihem Amer-Yahia and Jian Pei
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