



# Proceedings of the VLDB Endowment

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## LETTER FROM THE EDITORS IN CHIEF

The Proceedings of the VLDB Endowment (PVLDB) provides a high-quality journal publication service to the data management research community. Each volume offers twelve monthly submission deadlines on the first day 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.

PVLDB attracts many submissions spanning diverse data management topics, and the PVLDB reviewing process is implemented by a large team of dedicated researchers. The Review Board of PVLDB Volume 13 consists of 186 expert researchers, and reviewing is coordinated by 18 Associate Editors. Review Board members provide timely (within a 3-week deadline) high-quality reviews, and participate actively in online discussions led by the Associate Editors for each paper. When needed, the Associate Editors together with the Editors-in-Chief solicit additional reviews from external experts. We give special thanks here to those additional reviewers who in most cases need to complete their expert reviews on a very short notice.

Most of the accepted papers go through a revision process that requires a second round of reviews after the authors have addressed an initial set of issues and concerns raised by the reviewers during the first round. Some papers are further accepted with shepherding, which means that one of the reviewers works with the authors to address a final set of comments.

This is the tenth issue of the thirteenth volume of PVLDB. There are 14 accepted papers in this issue. These papers will be presented at the 46th International Conference on Very Large Data Bases (PVLDB 2020), originally planned to be held in Tokyo, Japan from August 31 to September 4, 2020, but now to be held online during the same period due to the coronavirus pandemic.

Research papers on graphs and streaming data processing feature prominently in this issue, including new algorithms and indexing structure on general graphs and information networks as well as on important application domains and specific problems such as social networks, community detection, and evolving data constraint discovery. Some classical problems such as query languages, integrity constraints and transaction processing are studied in several papers in new contexts. There is one paper reporting new advances for contextualized search in source code databases.

We hope that the readers will find the selected papers engaging, and thought provoking. We also hope that the selected papers will provide valuable insights and inspire novel systems contributions and follow-up research.

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Magdalena Balazinska and Xiaofang Zhou  
PVLDB Volume 13 Editors in Chief