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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. Volume 13 has relied on 21 such extra reviewers to date.

This is the first issue of the thirteenth volume of PVLDB. There are six papers accepted in this issue that will be presented at the 46th International Conference on Very Large Data Bases (VLDB 2020), to be held in Tokyo, Japan during August 31 to September 4, 2020.

For this issue of PVLDB Volume 13, the review board has selected contributions that address a variety of traditional and novel data management challenges. Several papers focus on large-scale data analytics. One paper studies the automatic management of tiered storage while two others focus on interactive data analytics in challenging domains, including graph processing and trajectory-clustering in road networks. These papers achieve high performance through the judicious use of novel hardware and novel methods, including machine learning. Another paper also leverages novel hardware, but focuses on accelerating search queries. In addition to building faster systems, our community also develops methods to help develop such systems. One paper in this issue, specifically considers the challenge of identifying the root-cause of performance regressions in database systems and develops a toolchain to help detect and diagnose such problems. Finally, one paper studies the original problem of revenue maximization in the context of query pricing.

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.

Magdalena Balazinska and Xiaofang Zhou PVLDB Volume 13 Editors in Chief