

VLDB2015

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**Proceedings of the 41st International Conference on
Very Large Data Bases, Kohala Coast, Hawaii**

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LETTER FROM THE PROGRAM CHAIRS

The database field continues to experience an exciting time of research and innovation. Data-driven decision making and data management have become pervasive. Many other communities see the need to collaborate with database researchers in order to meet the challenges of storing, processing, and analyzing very large heterogeneous data sets with low latency. This presents a great opportunity to transfer results from database research to the machine learning, visualization communities, among others, and at the same time learn from their findings. The Beckman Report on Database Research, in which a group of database researchers discuss the state of database research, its impact on practice, and important new directions, has identified (1) scalable big/fast data infrastructures, (2) the diversity in the data management landscape, (3) end-to-end processing and the understanding of data, (4) cloud services, and (5) the role of humans in the data life cycle as key challenges for the upcoming years. Now that VLDB goes into its 41st annual conference cycle and the Proceedings of the VLDB Endowment (PVLDB) move into its 8th volume, we are looking forward to many impactful contributions in order to meet the abovementioned challenges, as well as further emerging topics.

PVLDB is a scholarly journal for short and timely research papers with a journal-style reviewing and quality-assurance process. As usual, the original research contributions accepted for publication in PVLDB are selected by the PVLDB Volume 8 review board following a rigorous reviewing process with at least three reviewers, which conduct independent reviews and a detailed review discussion moderated by an associate editor. PVLDB Volume 8 accepts monthly submissions, with each of the twelve submission deadlines being the last day of the corresponding month (23:59 Pacific time). We strive to maintain a review cycle with a quick turnaround, with roughly five to six weeks between submission and notification (except for the few papers where the reviewers indicate that they require more time to discuss the paper and arrive at a high-quality conclusion).

For the first issue of PVLDB volume 8, the review board has selected contributions proposing advances to topics such as parallel databases, in-memory data management, spatial databases, user interfaces, data warehousing and data mining, and indexing. We hope that the selected papers will provide novel insight to the readers and create impact by inspiring novel systems contributions or follow-up research.

Chen Li and Volker Markl
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