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LETTER FROM THE EDITORS IN CHIEF

We are pleased to present the third issue of Volume 19 of the Proceedings of the VLDB Endowment (PVLDB).

During this period, PVLDB introduced two new policies aimed at strengthening transparency, fairness, and clarity in the review process.

The first policy is Self-Declaration of Related Submissions. To ensure transparent and fair evaluation, PVLDB now requires authors to self-declare all related submissions that are concurrently under review by the same authors, if such submissions could potentially affect the assessment of the novelty or incrementality of the current submission. While the existing PVLDB policy already addresses previously published work through the related-work section, the new policy extends this requirement to include all relevant papers currently under submission to PVLDB or any other venue. Such works must be explicitly cited and discussed as "under submission," enabling the Review Board to assess the manuscript's incremental contribution under the assumption that the earlier submission will be accepted. Failure to disclose related concurrent submissions, if discovered during the review process, will be treated as a breach of policy.

The second policy is the PVLDB Scope Policy. A submission is considered in scope if it builds upon the database research literature, substantively addresses data management challenges, and/or demonstrates contributions that advance data management. Scope is determined strictly based on the content of the submitted manuscript itself, not by topic labels, keywords, or prior PVLDB publications on adjacent themes. Authors working at the boundaries of traditional data management topics are strongly encouraged to use the Self-Assessment of Relevance (SAR) box in the submission form to clarify the paper's relevance. Additional information, including typical examples of papers that are in scope or out of scope, is available on the PVLDB website.

This third issue of Volume 19 includes 18 papers spanning the following primary subject areas: Data Mining and Analytics (1); Database Engines (5); Database Performance and Manageability (1); Distributed Database Systems (1); Graph and Network Data (1); Information Integration and Data Quality (1); Machine Learning, AI, and Databases (4); Novel Database Architectures (2); Specialized and Domain-Specific Data Management (1); and Text and Semi-Structured Data (1). Together, these papers represent a broad and diverse collection, covering a significant majority of the subject areas addressed by PVLDB.

Notably, Database Engines and Machine Learning, AI, and Databases are the subject areas with the largest numbers of accepted papers in this issue. Database Engines continue to form the core of database research, with contributions spanning traditional topics such as global hash tables, join order optimization, and Datalog execution, as well as advanced topics including GPU acceleration and novel networking support for database systems. The Machine Learning, AI, and Databases area includes papers that explore both the use of machine learning for database systems, such as multi-agent frameworks for SQL generation and task transfer in query plan representations, and systems support for machine learning, including work on compression for ML pipelines and model storage.

We are grateful to our board of associate editors and reviewers, as well as our proceedings chairs, for their dedication and hard work in producing another high-quality issue of PVLDB.

We hope you enjoy reading the third issue of PVLDB, Volume 19.

Yanlei Diao and Xiaokui Xiao
Editors-in-Chief of PVLDB Vol. 19
Program Chairs for VLDB 2026