Dear Editor:

We are writing to submit the revised manuscript entitled, “Dynamic Hash Tables on GPUs” for possible publication in your prestigious journal. We would also like to take this opportunity to express our thanks to the reviewers for the positive feedback and helpful commits for correction or modification.

In this revision, we have addressed all concerns raised by the reviewers and carefully revised the paper accordingly. We summarize the major updates that we made in the revision:

1. We add implementation details for handling insertion conflicts in Section 5.2.
2. We compare with a CPU-based parallel hash table approach and show that GPU-based solutions significantly outperform the CPU competitor.
3. We compare with another static GPU-based hash table, i.e., WarpDrive, and show that our proposed method is competitive with WarpDrive in the static setting.
4. We measure the number of buckets accessed to evaluate the resizing strategies in Table 4.
5. We rerun all experiments on a server with NVIDIA P100 GPU and report the new results in Section 6.
6. We have carefully revised the manuscript and corrected the language issues as much as possible. We have also used the professional editing service Enago to improve the paper presentation.

We very much hope the revised manuscript is accepted for publication.

Sincerely yours,

Dr. Yuchen Li

On behalf of the authors