My title
subline title

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***Abstract*—**
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I. Introduction

[...]

This paper is organized as follows: section II details the background of this work and reviews related works. Then, the considered XX model is presented in the section **??**. Implementation details of the proposed framework are provided in the section III. The validation of the approach on concrete applications is expounded in the section IV which details and discusses the experimental results obtained. Section V reviews the related works Finally, the section VI concludes the paper and provides some future directions and perspectives opened by this study.

II. Context & Motivations

ALL: Review underlying concepts

III. Implementation and Experimental Setup

IV. Validation and Experimental Results

This section presents the results obtained, ...

V. Related Work

[1], [2], [3], [4]

VI. Conclusion

In this work, we ...

The future work induced by this study includes more large-scale experiments, *blah blah*.

In general, we would like to perform further experimentation on a larger set of applications and machines.

Acknowledgments: The experiments presented in this paper were carried out using the HPC facility of the University of Luxembourg.

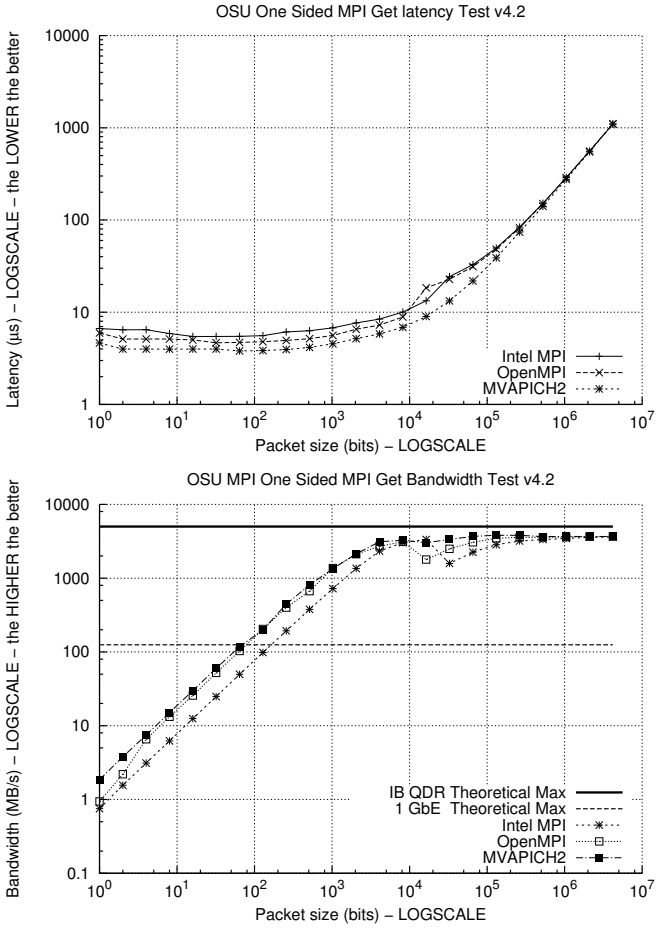

Fig. 1. OSU benchmark

References

[1] S. Varrette, M. Guzek, V. Plugaru, X. Besseron, and P. Bouvry, "HPC Performance and Energy-Efficiency of Xen, KVM and VMware Hypervisors," in *Proc. of the 25th Symposium on Computer Architecture and High Performance Computing (SBAC-PAD 2013)*. Porto de Galinhas, Brazil: IEEE Computer Society, Oct. 2013.

[2] S. Varrette, G. Danoy, M. Guzek, X. Besseron, and P. Bouvry, "Using Data-flow analysis in MAS for power-aware HPC runs," in *Proc. of the IEEE Intl. Conf. on High Performance Computing and Simulation (HPCS'13)*. IEEE Computer Society, July. 2013.

[3] J. Muszynski, S. Varrette, and P. Bouvry, "Expected Running Time of Parallel Evolutionary Algorithms on Unimodal Pseudo-Boolean Functions over Small-World Networks," in *Proc. of the IEEE Congress on Evolutionary Computation (CEC'2013)*. Cancún, Mexico: IEEE, June 2013.

[4] B. Bertholon, S. Varrette, and P. Bouvry, "CertiCloud: a Novel TPM-based Approach to Ensure Cloud IaaS Security," in *Proc. of the 4th IEEE Intl. Conf. on Cloud Computing (CLOUD 2011)*. Washington DC, USA: IEEE Computer Society, July 4–9 2011, pp. 121–130. [Online]. Available: \url{http://www.thecloudcomputing.org/2011/}

APPENDIX