My title

Sébastien Varrette[1], xx and Pascal Bouvry[2]

[1] Computer Science and Communication (CSC) Research Unit
[2] Interdisciplinary Centre for Security Reliability and Trust (SnT)
University of Luxembourg, 6, rue Richard Coudenhove-Kalergi
L-1359 Luxembourg, Luxembourg

Abstract. abstract goes here

Keywords: Performance evaluation, Energy-efficiency, HPC, Evolutionary Algorithm, Fault-Tolerance Result-Checking

1 Introduction

[...]

This paper is organized as follows: section 2 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 3. The validation of the approach on concrete applications is expounded in the section 4 which details and discusses the experimental results obtained. Section 5 reviews the related works Finally, the section 6 concludes the paper and provides some future directions and perspectives opened by this study.

2 Context & Motivations

ALL: Review underlying concepts

3 Implementation and Experimental Setup

4 Validation and Experimental Results

This section presents the results obtained, ...

5 Related Work

[4,3,2,1]

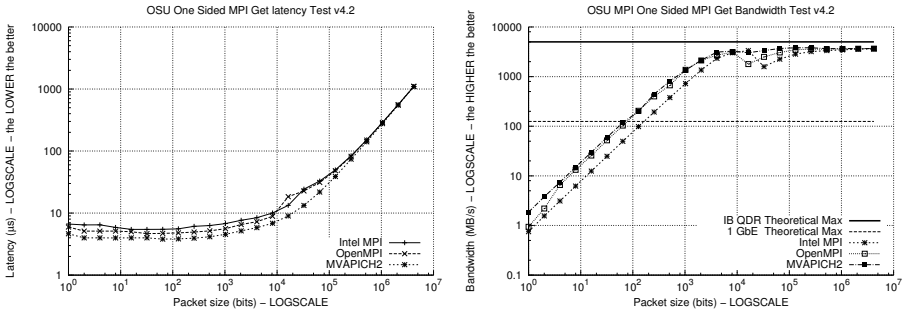

Fig. 1. OSU benchmark

6 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.

References

1. 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)*, pages 121–130, Washington DC, USA, July 4–9 2011. IEEE Computer Society.
2. 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, June 2013. IEEE.
3. 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.
4. 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, Oct. 2013. IEEE Computer Society.