

# PCAD ... through SimGrid

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*Abstract. Put the abstract here.*

## 1. Introduction

[Current state of HPC] [Sustainability and Enviroment]

[S4U and SimGrid]

[Why use a simulator and not the cluster?] [Simulating with SimGrid]

[This article]

## 2. Related Work

[TCC Arthur?]

[SimGrid paper]

[Look for some refs]

## 3. Methods and Materials

[Calibration]

[S4U]

[Reproducibility]

## 4. Results

[Results, differences: accuracy, time, etc...]

## 5. Conclusion

[Is it worth and suitable to use simulators?]

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## References