

Thesis topic ...Template for writing a PhD/MPhil thesis in LaTeX

Candidate name



This thesis is submitted for the degree of

Doctor of Philosophy

School of Electrical ...

The University of Western Sydney

August 2013

Abstract

... Place your abstract here ...

I would like to dedicate this thesis ...

Acknowledgements

... And I would like to acknowledge ...

Publications

International Journal Publications

1. ... Place your International Journal Publications here e.g., ...
2. **Ifeanyi P. Ekwutuoha**, David Levy, Bran Selic, and Shiping Chen, “A survey of fault tolerance mechanisms and checkpoint/restart implementations for high performance computing systems,” In The Journal of Supercomputing, pages 1-25, Springer, 2013.
3. more here
4. more here

International Conference Publications

1. ... Place your International Conference Publications here e.g., ...
2. **Ifeanyi P. Ekwutuoha**, Shiping Chen, David Levy, Bran Selic, and Rafael Calvo, “Energy Efficient Fault Tolerance for High Performance Computing (HPC) in the Cloud,” Accepted, to be presented to IEEE CLOUD 2013, IEEE 6th International Conference on Cloud Computing, June 27-July 2, 2013, Santa Clara Marriott, CA, USA.
3. more here
4. more here
5. more here

Poster Presentations

1. ... Place your Poster Presentations hear ...

Contents

| | |
|--|----------|
| Glossary | viii |
| 1 Introduction | 1 |
| 1.1 Background | 1 |
| 1.2 Motivation | 1 |
| 1.3 ... Place | 1 |
| 1.4 ... Place | 1 |
| 2 Related work | 2 |
| 2.1 Section title | 2 |
| 2.1.1 first subsection | 2 |
| 2.2 Section title | 2 |
| 2.2.1 Second subsection | 2 |
| 2.3 Section title | 3 |
| 2.4 Section title | 3 |
| 2.5 Section title | 3 |
| 3 Theory, Concepts and Architecture ... | 4 |
| 3.1 Section title | 4 |
| 3.1.1 first subsection | 4 |
| 3.2 Section title | 4 |
| 3.2.1 Second subsection | 4 |
| 3.3 Section title | 5 |
| 3.4 Section title | 5 |
| 3.5 Section title | 5 |

| | | |
|----------|--------------------------------------|-----------|
| 3.6 | Section title | 5 |
| 4 | Design and Implementation ... | 6 |
| 4.1 | Section title | 6 |
| 4.1.1 | first subsection | 6 |
| 4.2 | Section title | 6 |
| 4.2.1 | Second subsection | 6 |
| 4.3 | Section title | 6 |
| 4.4 | Section title | 7 |
| 4.5 | Section title | 7 |
| 5 | Testing and Results ... | 8 |
| 5.1 | Section title | 8 |
| 5.1.1 | first subsection | 8 |
| 5.2 | Section title | 8 |
| 5.2.1 | Second subsection | 8 |
| 5.3 | Section title | 8 |
| 5.4 | Section title | 9 |
| 5.5 | Section title | 9 |
| 6 | Conclusions and Future work | 10 |
| A | | 11 |
| B | Appendix | 12 |

List of Figures

| | | |
|-----|---|-------------------|
| 2.1 | Flat group and hierarchical group masking | 3 |
|-----|---|-------------------|

List of Tables

| | | |
|-----|------------------|---|
| 4.1 | Sample | 7 |
|-----|------------------|---|

Glossary

Chapter 1

Introduction

1.1 Background

1.2 Motivation

1.3 ... Place ...

1.4 ... Place ...

.....

Chapter 2

Related work

HPC systems depend on hardware and software to function appropriately.

2.1 Section title

... Place your section contents

2.1.1 first subsection

... and some more

2.2 Section title

... Place your section contents

2.2.1 Second subsection

... and some more

2.3 Section title

... Place your section contents ...

2.4 Section title

... Place your section contents ...

2.5 Section title

... Place your section contents ...

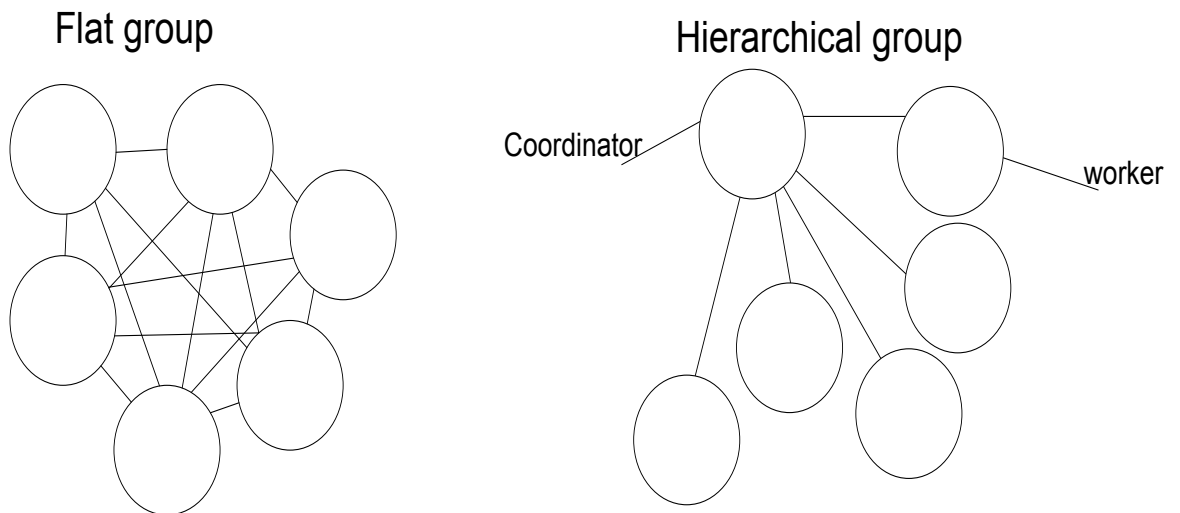


Figure 2.1: Flat group and hierarchical group masking

Chapter 3

Theory, Concepts and Architecture ...

3.1 Section title

... Place your section contents

3.1.1 first subsection

... and some more

3.2 Section title

... Place your section contents

3.2.1 Second subsection

... and some more

3.3 Section title

... Place your section contents

3.4 Section title

... Place your section contents

3.5 Section title

... Place your section contents

3.6 Section title

Citation - for example; A simple analysis of the Top500 [?] HPC

Chapter 4

Design and Implementation ...

4.1 Section title

... Place your section contents

4.1.1 first subsection

... and some more

4.2 Section title

... Place your section contents

4.2.1 Second subsection

... and some more

4.3 Section title

... Place your section contents

4.4 Section title

... Place your section contents

Your table can also be placed here e.g.,

| Table 4.1: Sample | | | | | | |
|-------------------|----------|------------|-----------|------------|-----------|-----------------|
| N_n | N_{cr} | P_{size} | $\$_{ch}$ | $\$_{r=1}$ | $\$_{rn}$ | $\$_{FTDaemon}$ |
| 2 | 2 | 2000 | 97.81 | 74.14 | 81.14 | 81.14 |
| 2 | 3 | 4000 | 88.20 | 68.45 | 125.20 | 83.47 |
| 4 | 5 | 6000 | 268.28 | 214.86 | 321.07 | 256.85 |
| 8 | 10 | 8000 | 1266.14 | 879.58 | 1153.46 | 1025.29 |
| 16 | 18 | 10000 | 4102.82 | 2669.52 | 3857.88 | 3429.23 |

4.5 Section title

... Place your section contents

Chapter 5

Testing and Results ...

5.1 Section title

... Place your section contents

5.1.1 first subsection

... and some more

5.2 Section title

... Place your section contents

5.2.1 Second subsection

... and some more

5.3 Section title

... Place your section contents

5.4 Section title

... Place your section contents

5.5 Section title

... Place your section contents

Citation e.g., Public clouds promise the major benefits of cloud computing [?
] and ...

Chapter 6

Conclusions and Future work

... Place your section contents

Appendix A

and here I put a bit of postamble ...

Appendix B

Appendix

and here I put some more postamble ...