Skoltech

Skolkovo Institute of Science and Technology

Thesis Template Skoltech

Doctoral Thesis
by

Student Name

Doctoral Program in Engineering Systems

Supervisor
Founding President, Professor, Edward Crawley

Thesis Template Skoltech

by

Student Name

Saturday 16th November, 2019 12:43

Submitted to the Skoltech Center of Research, Entrepreneurship and Innovation
on November 2019, in partial fulfillment of the requirements for the
Doctoral Program in Engineering Systems

Abstract

In short this is the content of my work...

Publications

Main author

1. Skoltech. CEDESK - Concurrent Engineering Data Exchange Skoltech, 2017. URL https://cedesk.github.io/

Co-author

1. Skoltech. CEDESK - Concurrent Engineering Data Exchange Skoltech, 2017. URL https://cedesk.github.io/

Dedicated to my parents.

Acknowledgments

Let me thank to all my supporters ...

Contents

List of Figures

List of Tables

Chapter 1

Introduction

Let me introduce to the topic of my PhD work at Skolkovo Institute of Science and Technology (SK).

1.1 Thesis Structure

The diagram in Figure 1-1 illustrates the flow of information through the structure of the thesis.

Chapter 2 - Background Here's the literature review.

Chapter 3 - Thesis Objectives We define the objectives of our work.

...

Chapter 4 - Conclusion In the last chapter, we discuss our results obtained ...

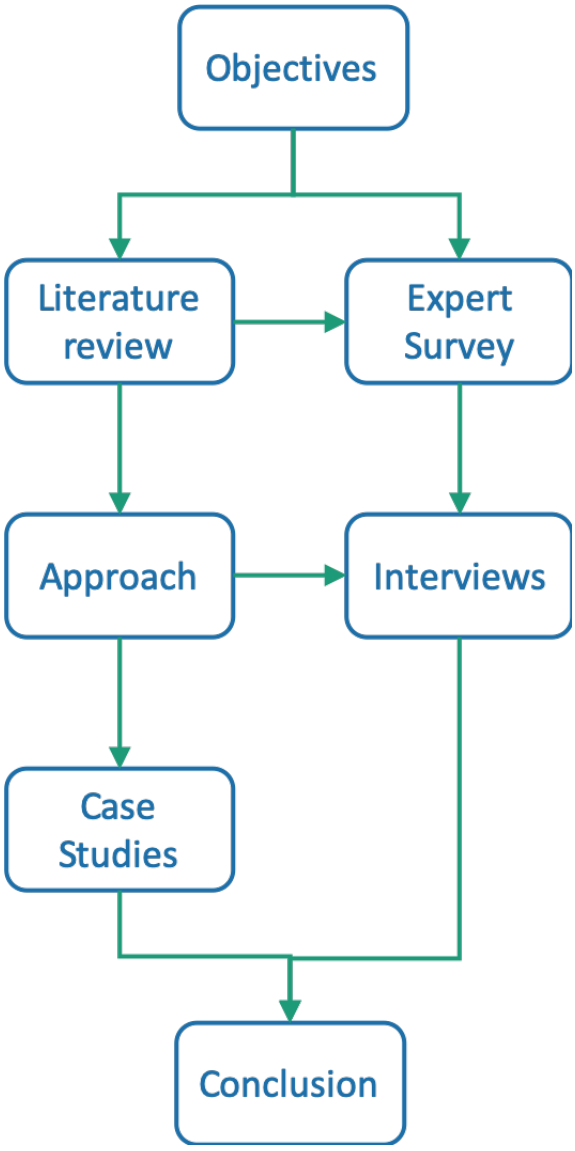

Figure 1-1: Thesis structure

"if I have seen further it is by standing on the shoulders of Giants."

Isaac Newton, 1675

Chapter 2

Background

Here is a comprehensive review of the literature related to the topic of this work.

We inspired our work from Chakrabarti and Blessing [2014]. SysML is the reference in this field [Object Management Group, 2015] The tools keep evolving [Skoltech, 2017].

Chapter 3

Thesis Objectives

In this chapter we define the goals and derive the specific questions to be addressed in our research.

"If you optimize everything, you will always be unhappy."

Donald Knuth

Chapter 4

Conclusion

In this last chapter, we discuss the results, the limitations of our work, and provide an outlook on future work.

Glossary

SK Skolkovo Institute of Science and Technology. 9

SysML Systems Modeling Language. 11

Bibliography

Amaresh Chakrabarti and Lucienne T. M. Blessing, editors. *An Anthology of Theories and Models of Design*. Springer London, London, 2014. ISBN 978-1-4471-6337-4. doi:10.1007/978-1-4471-6338-1. URL http://link.springer.com/10.1007/978-1-4471-6338-1.

Object Management Group. OMG Systems Modeling Language (SysML) 1.4, 2015. URL https://www.omg.org/spec/SysML/1.4/.

Skoltech. CEDESK - Concurrent Engineering Data Exchange Skoltech, 2017. URL https://cedesk.github.io/.

Appendix A

Additional Resources

Table A.1 contains some additional material.

Feature	**Method X**	**Method Y**	**References**
Speed	medium	slow	Skoltech [2017]
Cost	less	more	
Error	2	3	

Table A.1: Comparison of X and Y