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| The Title of the Thesis Goes Here in the Language in Which the Thesis Is Written and Should Fit into Three Lines Max |
| Der Fakultät für Chemie und Mineralogie  der Universität Leipzig |
|  |
| vorgelegte |
|  |
| Masterarbeit |
|  |
| zur Erlangung des akademischen Grades |
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| Master of Science  (M. Sc.) |
|  |
| von  B. Sc. John Doe |
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| geboren am TT.MM.JJJJ in Birthplace, Country  Leipzig, den TT.MM.JJJJ |
| First Referee: [academic degree, first name, family name]  Second Referee: [academic degree, first name, family name] |
|  |
| Abstract  about 10 lines |
|  |
| Keywords  3 to 5 keywords |
|  |
| This work was prepared between TT.MM.JJJJ and TT.MM.JJJJ at the Institute of Chemical Technology in the group of Prof. Dr. R. Gläser. |

Acknowledgements (optional)

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Statement of Authorship (for B.Sc. and M.Sc. theses)

I hereby declare that this master thesis is the result of my own work, unless otherwise acknowledged in the text. All references and verbatim extracts have been quoted, and all sources of information have been specifically acknowledged. This thesis has not been submitted for any other degree.

Leipzig, TT.MM.JJJJ

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[Name]

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# Abbreviations

|  |  |
| --- | --- |
| 2-Pn-ol | 2-Pentanol |
| 2-Pr-ol | 2-Propanol |
| Bz-ol | Benzyl alcohol |
| CHx-ol | Cyclohexanol |
| EA | electrostatic adsorption |

* Alphabetical list of all abbreviations used in the thesis, however no mathematical formula symbols such as A for area, also no abbreviations that are given in the Duden (or other common dictionaries) such as “e.g.”.

# Symbols

|  |  |  |
| --- | --- | --- |
| **Symbol** | **Unit** | **Meaning** |
|  | - | constant of Gaussian function |
|  | - | constant of Gaussian function |
|  |  | heat capacity |
|  |  | thermal conductivity |

* Alphabetic list of formula symbols, giving SI-units; order by formula symbols, indexes, exponents; first latin, then greek letters

# Introduction and Objectives

Lorem ipsum dolor sit amet… In the text, references are a part of a sentence [1]. Multiple references are formatted like [2,3] or [4–6].

* Give a general introduction to the topic
* Summarize with concise tasks, objectives as research questions, goals and approach of the research
* No references in the section “Introduction and Objectives”, this is what the literature overview is for! Of course, references are to be given in the section “Results and Discussion”
* Blank line between paragraphs.

## Subsection

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### Subsubsection

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#### Subsubsubsection

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This is a reference to Fig. 1.1 and to Tab. 1.1 and also to equation (1.1).

|  |
| --- |
|  |
| Fig. 1.1: This is an empty container which can be used for a single figure. (clearly state what is shown in the figure). |

Tab. 1.1: This is a table caption. (clearly state what is shown in the table)

|  |  |
| --- | --- |
| Time /  h | Temperature /  K |
| 0 | 5.7 |
| 0.5 | 12.3 |
| 1.0 | 50.7 |
| 1.5 | 103.5 |

By using a table as a container, the equation can be nicely set into the surrounding text.

|  |  |  |
| --- | --- | --- |
|  |  | (1.1) |

Here the text goes on…

# Literature Overview

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* Introduce the relevant literature knowledge (state of the art)
* Place the thesis topic into the context of the state of the art

# Experimental Section

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* Chemicals used (purity and source/manufacturer)
* Description of the experiments (conditions/apparatus/execution/analysis)
* Synthesis
* Characterization methods
* Catalytic experiments

# Results and Discussion

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* Presentation, description of experimental results (concise, precise and quantitative)
* Interpretation and evaluation of results, correlation/comparison with literature
* Draw conclusions from results
* Discuss results scientifically and critically

# Conclusions and Outlook

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* Summarize (only briefly) the most important results
* Do not discuss, but rather draw the conclusions from the facts found
* Clearly refer to the questions and goals given in the section “Introduction and Objectives”
* Possibly: give a short outlook on future directions, what could be done to answer open questions (which?)
* No references in this section!

# References

* Place the list of references here.
* Use the latest Citavi style which can be found on the server in Y:\AKGExchange\Vorlagen\Thesis Template\... …CitationsAKGläser\_EN\_150811.css (for thesis in English) …CitationsAKGläser\_DE\_150811.css (for thesis in German)

where *YYMMDD* is the date of the latest changes in the style file.

[1] K. Schumann, A. Brandt, B. Unger (2012) EP 2 527 296 A2.

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# Appendix

List all facts (measurement data, details of analysis and calculations), tables and figures with results, which are too much detail for the main text, but necessary to give the full picture.