

**LONG-TITEL**  
**LONG-TITEL-SECONDLINE**  
**LONG-SUBTITEL**

7. November 2023  
Vorname Nachname

FACULTY  
HTWK Leipzig

# Gliederung

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# Introduction

# Introduction

- Hi there, this is a self inspired latex beamer template for HTWK Leipzig.

# Motivation

# Motivation

- I just found the one of Badal Mondal for Univerity Leipzig. So, I decided to change it for the HTWK.

# Notes

- Use Overleaf for it!

## Notes

- Both aspect ratio 16:9 and 4:3 are now available. The default is 4:3.



# Footnote examples

## 1st frame

- This is one of the section<sup>1</sup>.
- Let's check for 2nd footnote <sup>2</sup>.
- The footnotes will be added from the bottom. If you want to pull the footnotes towards red-black margin line then use `\addfootspace{}` at the end of the `\frame{}`.
- `\addfootspace{}` actually adds an additional vacant footnote (without counting that vacant footnote).
- To add more foot space add more `\addfootspace{}`.

<sup>1</sup>This is a long footnote. Here I am. Who am I?

<sup>2</sup>This is a 2nd long footnote. Here I am. Who am I?

## 2nd frame

- Here is the next section<sup>3</sup>
- Here I used two `\addfootspace{}`. Don't do `\addfootspace{\vspace{1cm}}`.

<sup>3</sup>This is a 2nd long footnote. Here I am. Who am I?

## 2nd frame: Subsubsection-1

- This is a test for sub-sub-section.

## 2nd frame: Subsubsection-2

- This is a test for sub-sub-section.

# Citation examples

## 1st frame

1. Here is a super citation example [1, 3].
2. Here is a one-liner multi-citation example<sup>4</sup> with a footnote<sup>v</sup>.

<sup>4</sup> [Jeremy W. Nicklas and John W. Wilkins](#). "Accurate ab initio predictions of III-V direct-indirect band gap crossovers". In: *Appl. Phys. Lett.* 97.9 (2010), p. 091902, [O. Rubel et al.](#) "Unfolding the band structure of disordered solids: From bound states to high-mobility Kane fermions". In: *Phys. Rev. B* 90.11 (2014), pp. 1–8.

## 2nd frame

- Here is an in place citation example. [Phil Rosenow et al. “Ab initio calculations of the concentration dependent band gap reduction in dilute nitrides”. In: *Phys. Rev. B* 97.7 (2018), p. 075201]
- Here is a multiple citation example.<sup>6,7,8</sup>
- Test large list
- Test large list
- Test large list
- Test large list

<sup>6</sup> Phil Rosenow et al. “Ab initio calculations of the concentration dependent band gap reduction in dilute nitrides”. In: *Phys. Rev. B* 97.7 (2018), p. 075201.

<sup>7</sup> A. Van de Walle, M. Asta, and G. Ceder. “The alloy theoretic automated toolkit: A user guide”. In: *Calphad Comput. Coupling Ph. Diag. Thermochem.* 26.4 (2002), pp. 539–553.

<sup>8</sup> I. Vurgaftman, J. R. Meyer, and L. R. Ram-Mohan. “Band parameters for III-V compound semiconductors and their alloys”. In: *J. Appl. Phys.* 89.11 | (2001), pp. 5815–5875.



## Alert and Note

Using `\alert{}` the Text **Rot** can be marked. For example -

### Note

$E = mc^2$  is the mass–energy equivalence relationship between mass and energy in a system's rest frame.

### Attention/Alert

Alert text.

## Table

Name	Surname	Address	PIN and place	Contact number
XX	Test	YYY	04103 Leipzig	XYZ
XX	Eg	YYY	04318 Leipzig	XYZ
XX	Test	YYY	04103 Leipzig	XYZ
XX	Test	YYY	04103 Leipzig	XYZ
XX	Test	YYY	04103 Leipzig	XYZ

Table 1: Example table

# Summary

## Summary

- To summarize, this may help you to make a Leipzig university beamer presentation.
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# Acknowledgements

# Acknowledgements

- Many thanks to Badal Mondal for creating the basis of this Template and Victor Jüttner from Leipzig university for sharing his contribution to the project.

## Disclaimer

This project is a personal initiative, under open-source code. For any comments and suggestions, please contact [badalmondal.chembgc@gmail.com](mailto:badalmondal.chembgc@gmail.com). On this basis this template for the HTWK Leipzig was designed.

## Quellen

- [1] Jeremy W. Nicklas and John W. Wilkins. "Accurate ab initio predictions of III-V direct-indirect band gap crossovers". In: *Appl. Phys. Lett.* 97.9 (2010), p. 091902.
- [2] Phil Rosenow et al. "Ab initio calculations of the concentration dependent band gap reduction in dilute nitrides". In: *Phys. Rev. B* 97.7 (2018), p. 075201.
- [3] O. Rubel et al. "Unfolding the band structure of disordered solids: From bound states to high-mobility Kane fermions". In: *Phys. Rev. B* 90.11 (2014), pp. 1–8.
- [4] A. Van de Walle, M. Asta, and G. Ceder. "The alloy theoretic automated toolkit: A user guide". In: *Calphad Comput. Coupling Ph. Diag. Thermochem.* 26.4 (2002), pp. 539–553.
- [5] I. Vurgaftman, J. R. Meyer, and L. R. Ram-Mohan. "Band parameters for III-V compound semiconductors and their alloys". In: *J. Appl. Phys.* 89.11 | (2001), pp. 5815–5875.