

# Presentation Template of the Database Systems Research Group

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Template DBS  
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# Structuring

Keywords are usually enough.

Sometimes you may need an itemization:

- ▶ with symbols
- ▶ known as “death by bullet point”

... or an enumeration:

1. item
2. item

## Structuring /2

You can add a pause to a slide.

## Structuring /2

You can add a pause to a slide.

... but only use this if *really* necessary.

### Example block

You can also only highlight single words.

## Structuring /2

You can add a pause to a slide.

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### Example block

You can also only **highlight single words**.

## Columns

With `\begin{columns}` you can easily split a page in two halves.

Pick the appropriate vertical alignment, e.g., T, t, c or b

You could  
put a  
graphic  
here

or an equation:

$$E = mc^2$$

## Equation example

Example text.

$$x = 1$$
$$\sum_{i=1}^n x^2 = \frac{n^3}{3} + \frac{n^2}{2} + \frac{n}{6}$$

The indicator function is defined here as:

$$\mathbb{I}[x \leq 1] = \begin{cases} 1 & \text{if } x \leq 1 \\ 0 & \text{otherwise} \end{cases}$$

## Images

Images work in formats .jpg, .png and .pdf.

**Attention:** Images are usually considered to be stand-alone, copyrighted, works.

§60a UrhG allows the use of figures and excerpts in education *to a large extent*,<sup>1</sup> but:

§63 UrhG: “When a work or part of a work [...] is duplicated or distributed, **you must always clearly indicate the source.**” (usually, you should name the author, *not just give an URL!*)

Obey copyright laws (i.e., Urheberrecht).



Grumpy Cat  
Source (CC-BY-SA 3.0):  
Gage Skidmore [Ski18]

<sup>1</sup>You need to look up the legislation details yourself, e.g., on [www.BMBF.de](http://www.BMBF.de)



## Sources and References

References should always use BibTeX.

**Important:** *Check* all your BibTeX-entries carefully.

Google Scholar – and publishers – often generated flawed entries: missing authors, wrong authors, missing fields, wrong syntax, ...<sup>2</sup>

With **web pages** you have to give the **access date**, and – if possible – include a **permanent / archived copy**, because web pages can change at any time.

If you *really* cannot find a *better* source than Wikipedia (primary sources are always preferable to meta-sources such as Wikipedia), then at least use the “cite this page” function. But even this function produces flawed BibTeX entries, so fix them.

<sup>2</sup>Tip: DBLP has very reliable BibTeX-entries for much of the literature in our domain.

# Guides for LaTeX-Beamer

## The Beamer Class User Guide

Till Tantau, Joseph Wright, and Verdan Miletić. *The BEAMER Class User Guide for version 3.36*. [Online; Stand 20. September 2016]. 2011. URL: <http://mirrors.ctan.org/macros/latex/contrib/beamer/doc/beameruserguide.pdf>

A short overview can be found here:

Wikipedia contributors. *Beamer (LaTeX) — Wikipedia, The Free Encyclopedia*. [Online; accessed 9-April-2018]. 2018. URL: [https://en.wikipedia.org/w/index.php?title=Beamer\\_\(LaTeX\)&oldid=834184840](https://en.wikipedia.org/w/index.php?title=Beamer_(LaTeX)&oldid=834184840)

# Bibliography I

- [Ski18] Gage Skidmore. *File:Grumpy Cat by Gage Skidmore.jpg — Wikimedia Commons, the free media repository*. [Online; accessed 26-March-2018]. 2018. URL: [https://commons.wikimedia.org/w/index.php?title=File:Grumpy\\_Cat\\_by\\_Gage\\_Skidmore.jpg&oldid=282562480](https://commons.wikimedia.org/w/index.php?title=File:Grumpy_Cat_by_Gage_Skidmore.jpg&oldid=282562480).
- [TWM11] Till Tantau, Joseph Wright, and Verdan Miletić. *The BEAMER Class User Guide for version 3.36*. [Online; Stand 20. September 2016]. 2011. URL: <http://mirrors.ctan.org/macros/latex/contrib/beamer/doc/beameruserguide.pdf>.
- [Wik18] Wikipedia contributors. *Beamer (LaTeX) — Wikipedia, The Free Encyclopedia*. [Online; accessed 9-April-2018]. 2018. URL: [https://en.wikipedia.org/w/index.php?title=Beamer\\_\(LaTeX\)&oldid=834184840](https://en.wikipedia.org/w/index.php?title=Beamer_(LaTeX)&oldid=834184840).

# Outline

## Introduction to LaTeX-Beamer

Structuring

Columns

Equation examples

Images

Sources

Guides

## Bibliography

# Proof for Theorem 1

## Theorem 1

*Theorem 1 is wrong, dude.*

This probably cannot be decided.

