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# A basic presentation template

*for the Universität Regensburg*

Antoine Gansel

Lehrstuhl für Datensicherheit und Kryptographie

*Collaborator(s):*

Julie Cailler<sup>2</sup>

*Supervisor(s):*

Jane Doe<sup>1</sup> John Doe<sup>2</sup>

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Partner Institutions :

<sup>1</sup>UR - Lehrstuhl für  
Datensicherheit und  
Kryptographie

<sup>2</sup>UR - Lehrstuhl für  
Theoretische Informatik



Universität Regensburg

Hallo! While I created most of the template by myself, some parts (including the organisation of the example slides) are heavily inspired by [SINTEF Presentation](#) from [Federico Zenith](#) and its derivations.

If you are from the UR, don't forget to use the theme best suited for your Fakultät.

**This is NOT an official template for the UR.**

Feel free to modify and reuse this template as you wish.

- In case you compile in local (and not overleaf), make sure you downloaded the necessary packages.

## Necessary Packages:

geometry, tabularx, amsfonts, amsmath, oldgerm, tikz, pdfrender, hyperref, textpos

- For seemingly no reason, overleaf will return an error if you compile from *Example/intro*. You should not have any issue from any other file.
- If you need to cite and are using overleaf, we recommend using inline citation, without importing biblatex. This package is fairly long to compile, so, except if you have a pro account you might not be able to.

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- ▶ Personalisation



Universität Regensburg

# Beamer for slides. Also, this title is way too long but will not go over the UR logo

Antoine Gansel

## *1 Introduction*

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- We assume you can use  $\text{\LaTeX}$ ; if you cannot, [you can learn it here](#)
- Beamer is one of the most popular and powerful document classes for presentations in  $\text{\LaTeX}$
- Beamer has also a detailed [user manual](#)
- Here we will present only the most basic features to get you up to speed

## 1 Introduction

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Compared to PowerPoint, using  $\text{\LaTeX}$  is better because:

- It is not What-You-See-Is-What-You-Get, but What-You-Mean-Is-What-You-Get: you write the content, the computer does the typesetting
- Produces a pdf: no problems with fonts, formulas, program versions
- Easier to keep consistent style, fonts, highlighting, etc.
- Math typesetting in  $\text{\TeX}$  is the best:

$$i\hbar \frac{\partial}{\partial t} \Psi(\mathbf{r}, t) = -\frac{\hbar^2}{2m} \nabla^2 \Psi(\mathbf{r}, t) + V(\mathbf{r}) \Psi(\mathbf{r}, t)$$

## Selecting the Theme

To start working with `beamer_statale`, start a  $\text{\LaTeX}$  document with the preamble:  
`\urBlock-Informatik-title`, `\urBlock-Informatik-main` (see section 2)

### Block title

It can be useful to treat some content differently by putting it into a block. This can be done by using blocks!

### Minimum Statale Beamer Document

```
\documentclass{beamer}  
\usepackage{statale}  
\begin{document}  
\begin{frame}{Hello, world!}  
\end{frame}  
\end{document}
```

## 1 Introduction

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To set a typical title page, you call some commands in the preamble:

### The Commands for the Title Page

```
\title{A basic presentation template}
\subtitle{for the Universität Regensburg}

\Author{Antoine Gansel}
\AuthorInstitute{Lehrstuhl für Datensicherheit und Kryptographie}
\Collaborators{{Julie Cailler\inst{2}}}
\Supervisors{Jane Doe\inst{1} \and {John Doe\inst{2}}}
\institute{{\inst{1}UR - Lehrstuhl für Datensicherheit und [...]}}
```

You can comment/delete any of `\Collaborators{...}`, `\Supervisors{...}` and `\institute{...}` without issue.

# Writing a Simple Slide

Antoine Gansel

*It's really easy!*

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- A typical slide has bulleted lists

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- A typical slide has bulleted lists
- These can be uncovered in sequence

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## Code for a Page with an Itemised List

```
\begin{frame}{Writing a Simple Slide}
  \framesubtitle{It's really easy!}
  \begin{itemize}[<+->]
    \item A typical slide has bulleted lists
    \item These can be uncovered in sequence
  \end{itemize}\end{frame}
```

## 1 Introduction

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You can do that with pretty much anything !

## 1 Introduction

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You can do that with pretty much anything !

Pictures from <https://www.shutterstock.com/en/g/lantoine>



# Uncovering in sequence

Antoine Gansel

## 1 Introduction

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You can do that with pretty much anything !

Pictures from <https://www.shutterstock.com/en/g/lantoine>



# Table of Contents

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- ▶ Personalisation



Universität Regensburg

## 2 Personalisation

---

```
\themecolor{Black&White}
```

### Standard Blocks

These have colours coordinated with the general UR theme

```
\begin{block}{title}  
content...  
\end{block}
```

### Colour Blocks

Block of single colour themed with faculty's colour theme.

```
\begin{themedColorBlock}{title}  
content...  
\end{themedColorBlock}
```

### Themed block

These have colours themed with the titles' colour.

```
\begin{themedTitleBlock}{title}  
content...  
\end{themedblock}
```

## 2 Personalisation

---

```
\themecolor{Informatik}
```

### Colour Blocks

Block of single colour themed with faculty's colour theme.

```
\begin{themedColorBlock}{title}  
content...  
\end{themedColorBlock}
```

### Standard Blocks

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content...  
\end{themedblock}
```

## 2 Personalisation

---

```
\themecolor{Theologie}
```

### Colour Blocks

Block of single colour themed with faculty's colour theme.

```
\begin{themedColorBlock}{title}  
content...  
\end{themedColorBlock}
```

### Standard Blocks

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```

## 2 Personalisation

---

```
\themecolor{Wirtschafts}
```

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```

## 2 Personalisation

### Standard Blocks

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```
\begin{block}{title}  
content...  
\end{block}
```

```
\themecolor{Medizin}
```

### Colour Blocks

Block of single colour themed with faculty's colour theme.

```
\begin{themedColorBlock}{title}  
content...  
\end{themedColorBlock}
```

### Themed block

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```
\begin{themedTitleBlock}{title}  
content...  
\end{themedblock}
```

## 2 Personalisation

```
\themecolor{Recht}
```

### Colour Blocks

Block of single colour themed with faculty's colour theme.

```
\begin{themedColorBlock}{title}  
content...  
\end{themedColorBlock}
```

### Standard Blocks

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```
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```

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```
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content...  
\end{themedblock}
```

## 2 Personalisation

---

```
\themecolor{Philosophie}
```

### Colour Blocks

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```
\begin{themedColorBlock}{title}  
content...  
\end{themedColorBlock}
```

### Standard Blocks

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\end{block}
```

### Themed block

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```
\begin{themedTitleBlock}{title}  
content...  
\end{themedblock}
```

## 2 Personalisation

```
\themecolor{Chemie}
```

### Colour Blocks

Block of single colour themed with faculty's colour theme.

```
\begin{themedColorBlock}{title}  
content...  
\end{themedColorBlock}
```

### Standard Blocks

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### Themed block

These have colours themed with the titles' colour.

```
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content...  
\end{themedblock}
```

## 2 Personalisation

```
\themecolor{Mathematik}
```

### Colour Blocks

Block of single colour themed with faculty's colour theme.

```
\begin{themedColorBlock}{title}  
content...  
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```

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\begin{themedTitleBlock}{title}  
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\end{themedblock}
```

## 2 Personalisation

```
\themecolor{Literatur}
```

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Block of single colour themed with faculty's colour theme.

```
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content...  
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```

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content...  
\end{themedblock}
```

## 2 Personalisation

```
\themecolor{Biologie}
```

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Block of single colour themed with faculty's colour theme.

```
\begin{themedColorBlock}{title}  
content...  
\end{themedColorBlock}
```

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content...  
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```

## 2 Personalisation

```
\themecolor{Physik}
```

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Block of single colour themed with faculty's colour theme.

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\begin{themedColorBlock}{title}  
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```

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```

## 2 Personalisation

---

```
\themecolor{Humanwissenschaft}
```

### Standard Blocks

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```

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\end{themedblock}
```

## 2 Personalisation

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If you are not familiar with beamer, I strongly advise against modifying the **Config/style.sty** file.

If you are not satisfied with any of the available theme, just modify **Config/colors.sty** as follows:

- Choose one theme (ex: Red)
- Modify the colors associated to the theme (ex:   ur-Informatik,  
  urBlock-Informatik-title and   urBlock-Informatik-main)

## 2 Personalisation

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- You can use colours with the `\textcolor{<color name>}{text}` command
- The colours are defined in the `Config/colors` package:
  - Primary colours:  `ur-grey` and its sidekick `ur-background-grey`
  - Faculty's colours: see page 10
- Do *not* abuse colours: `\emph{}` is usually enough
- Use `\alert{}` to bring the focus somewhere

## 2 Personalisation

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  - Faculty's colours: see page 10
- Do *not* abuse colours: `\emph{}` is usually enough
- Use `\alert{}` to bring the **focus** somewhere
- **If you highlight too much, you don't highlight at all!**

# Adding images

Antoine Gansel

## 2 Personalisation

Adding images works like in normal L<sup>A</sup>T<sub>E</sub>X:

### Code for Adding Images

```
\usepackage{graphicx}  
% ...  
\includegraphics[width=\textwidth]  
{Config/logo_RGB}
```



## 2 Personalisation

Splitting the page is easy and common; typically, one side has a picture and the other text:

This is the first column

And this the second

### Column Code

```
\begin{columns}
    % adding [onlytextwidth] the left margins will be set correctly
    \begin{column}{0.6\textwidth}
        This is the first column
    \end{column}
    \begin{column}{0.3\textwidth}
        And this the second
    \end{column}
    % There could be more!
\end{columns}
```

# Side-Picture Slides with title way too long

## *2 Personalisation*

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- Opened with  
`\begin{sidepic}{<image>}{'<title>}'`
- Otherwise, `sidepic` works just like `frame`  
(once again, picture from [L'Antoine](#))



## 2 Personalisation

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- The paramount task of fonts is being readable
- There are good ones...
  - Use serif fonts only with high-definition projectors
  - Use sans-serif fonts otherwise (or if you simply prefer them)
- ... and not so good ones:
  - Never use monospace for normal text
  - Gothic, calligraphic or weird fonts should always be avoided

## 2 Personalisation

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- To insert a final slide with the title and final thanks, use \backmatter.
  - The colour of slides' title and colour boxes is managed by the Theme. Modify \themecolor{Informatik-Psycho} with the theme fitting your faculty (see slides 10 to 19)
- The aspect ratio defaults to 16:9, and you should not change it to 4:3 for old projectors as it is inherently impossible to perfectly convert a 16:9 presentation to 4:3 one; spacings *will* break
  - The aspectratio argument to the beamer class is overridden by the SINTEF theme
  - If you *really* know what you are doing, check the package code and look for the geometry class.

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## A basic presentation template

Thank you for listening !  
Any Questions ?



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