

Leiden Beamer Template
Introduction

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Some guidance on the leiden theme

The beamer theme for the University of Leiden can be used as follows:

```
\usetheme{leiden}
```

Before using the theme, one should set the document class to beamer with:

```
\documentclass[t,11pt]{beamer}
```

Prerequisites for leiden theme (1/2)

The beamer theme for the University of Leiden has the following package dependencies:

- beamer (tested with 3.07)
- booktabs
- calc
- geometry
- graphicx
- ifthen

The beamer theme for the University of Leiden has of course also depends on the dependencies of beamer (including tikz and pgf).

Prerequisites for leiden theme (2/2)

The beamer theme for the University of Leiden has the following font dependency:

- Latin Modern-font family, from the `lmodern` package, usually included with a T_EX-distribution.

Options of the leiden theme (1/4)

The leiden-theme has a few theme options that can be used:

- **lang**: which allows one to set the theme to Dutch or English slides. Valid options are: `en` and `nl`.

Example: `\usetheme[lang=en]{leiden}`

- **faculty**: allows one to set the color scheme to that of one of the faculties (instead of the university color scheme). Valid options are: `medicine`, `socialsciences`, `law`, `sciences` and `humanities`.

Example: `\usetheme[faculty=sciences]{leiden}`

Options of the leiden theme (2/4)

- **totalpages**: which allows one to set the amount of slides to something different than the automatic total. Can also be set to off to not show a total at all.

Example: `\usetheme[totalpages=12]{leiden}`

`\usetheme[totalpages=off]{leiden}`

- **invertcolors**: which allows one to set the color scheme to white-blue instead of blue-white.

Example: `\usetheme[invertcolors]{leiden}`

Options of the leiden theme (3/4)

- **rmfont**: the name of the font to be used as the default, roman font.

Example: `\usetheme[rmfont=lmr]{leiden}`

The font of choice would be the commercial Minion font, but the Latin Modern is a reasonable substitute.

- **sffont**: the name of the font to be used as the sans-serif font.
Example: `\usetheme[sffont=lmss]{leiden}`

Options of the leiden theme (4/4)

- **ttfont**: the name of the font to be used as the mono-spaced, typewriter font.

Example: `\usetheme[ttfont=lmtt]{leiden}`

- **logofont**: the name of the font to be used as the logo font.

Example: `\usetheme[logofont=lmr]{leiden}`

The font of choice would be the commercial Minion or Pippin font, but the Latin Modern is a reasonable substitute.

Leiden theme special commands (1/2)

The leiden theme for beamer also provide some special commands.

- `\normalslidecolors`: sets the colorscheme to blue-white.
Example: `\normalslidecolors`
- `\invertedslidecolors`: sets the colorscheme to white-blue.
Example: `\invertedslidecolors`
- `\toggleslidecolors`: toggles between the colorschemes to blue-white and white-blue.
Example: `\toggleslidecolors`

Leiden theme special commands (2/2)

- `\backgroundimageonslide`: which allows one to set a background image for the slide. Setting the background image to empty removes the background image.

Example: `\backgroundimageonslide{chalkboard}`
to include the image chalkboard.png or chalkboard.jpg.
For best effect use the image resolution: 1280x915px.

- `\totalpages`: which allows one to set the amount of slides to something different than the automatic total.

Example: `\totalpages{40}`

What can be done with beamer?

- The beamer documentclass can create slides with \LaTeX .
- The beamer documentclass can be downloaded from:
<http://latex-beamer.sourceforge.net/>.
- A basic slide is created with:

```
\begin{frame}{<FRAME TITLE>}  
FRAME CONTENT  
\end{frame}
```
- In the next slides we what is possible, plus some code sniplets.

Bullits on slide

- Bullitted text:
 - Item 1
 - Item 2
- Numbered text:
 1. Item 3
 2. Item 4

Slide without header

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Columns on slide

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Leiden Beamer Template

What can be done with beamer-latex

Slide with background image

- And now a slide with a background image.

Slide without header, with background

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Slide with image



Figure: *Dilbert's take on PowerPoint...*

Table on slide

Class	Frequency
1 - 2	12
3 - 4	6
5 - 6	45

Table: *Simple sample table*

Code on slide

Hello world program in C:

```
#include <stdio.h>  
  
int main(void) {  
    printf("hello, world\n");  
    return 0;  
}
```


Leiden Beamer Template

What can be done with beamer-latex

Easy diagram on slide



Leiden Beamer Template
Colofon

Colofon

Original theme by:
Joost Schalken

Updated by: Pepijn van Heiningen