# kuleuven2 Beamer theme

**Overview and examples**

Author S. Names

KU Leuven

September 2017

# 0 Outline

KU LEUVEN kulak

# 1 Outline

KU LEUVEN   kulak

# 1   Theme options

To change *logo*, options are:

- ▶ `kul`     (default, used if no option is specified)
- ▶ `kulak`   for Campus Kulak Kortrijk
- ▶ `lrd`      for KU Leuven Research & Development

Example:

`\usetheme[kulak]{kuleuven2}`

# 1    Theme options

To customise *title page*, options are:

- ▶ `standard`    (default, used if no option is specified)
- ▶ `sedes`       title page includes *Sedes Sapientiae* ↘

Example:

`\usetheme[sedes,lrd]{kuleuven2}`

KU LEUVEN kulak

# 1 Title page image

Optionally, you can add your own title page graphic by declaring `titlegraphic` (does not work in combination with `sedes` option).

Example:

`\titlegraphic{ \includegraphics{mytitlepagepic.png} }`

# 2 Outline

KU LEUVEN kulak

# 2 Positioning

Frame option [c] for text at the centre of the frame

# 2 Positioning

Frame option [b] for text at the bottom of the frame

KU LEUVEN kulak

## 2    Footline

Frame option [plain] to remove footline on individual frame

To remove footline from *all* frames delete this line from preamble in .tex file:

```
\setbeamertemplate{footline}[body]
```

This frame has no title.

## 2 Double–column frame

This is the top of the first column.

This is the top of the second column.

## 2    Text alignment

Left justified environment ...

<div align="center">Center environment ...</div>

<div align="right">Right justified environment ...</div>

Ragged right command ...

<div align="center">Centering command ...</div>

<div align="right">Ragged left command ...</div>

Flush left command ...

<div align="right">Flush right command ...</div>

# 2    Colour palette

Recommended, predefined colours

- ▶ black
- ▶ KU Leuven primary blue, secondary blue, and dark blue
- ▶         ← white, when background is dark
- ▶ 50% gray , for text and 5% gray for background

- ▶ red text colour, used for alert text

## 2    Font styles

Sans-serif family of Modern Latin font

- ▶ Normal text
- ▶ **Bold**
- ▶ *Italic*, *Emphasis*, *Slanted*
- ▶ <u>Underline</u>
- ▶ Small caps
- ▶ `Typewriter`

## 2 Font sizes

- tiny
- scriptsize
- footnotesize
- small
- normalsize
- large
- Large
- LARGE
- huge
- Huge

KU LEUVEN kulak

## 2 Equations and math

Equations and other mathematical symbols use serif typeface:

$$f(x) = ax^2 + bx + c$$

Style of individual symbols can be changed manually:

$$\hat{\beta} = \arg\min_b (\mathbf{y} - \mathbf{Xb})^\mathsf{T} \mathbf{\Omega}^{-1} (\mathbf{y} - \mathbf{Xb})$$

$$\mathsf{G_t} = \alpha \mathsf{e}^{-\beta \mathsf{e}^{-\gamma \cdot \mathsf{t}}}$$

To change all math into sans-serif delete this line from the preamble in .tex file:

```
\usefonttheme[onlymath]{serif}
```
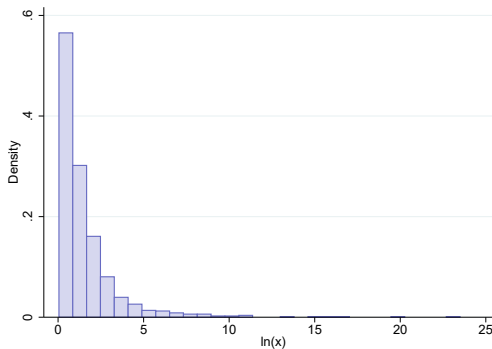
# 2    Graphics



Figure: Example graphic

Do not delete logo files in the graphics folder. They are used on the title page and in the footline.

# 2 Tables

Table: Example table

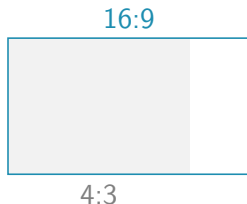|  | (1) | (2) | (3) |
|---|---|---|---|
| $x_1$ | 0.705*** | 0.215** | 0.123 |
|  | (0.107) | (0.0964) | (0.105) |
| $x_2$ | 0.476*** |  | 0.114** |
|  | (0.0489) |  | (0.0519) |
| $x_3$ |  | 0.592*** | 0.538*** |
|  |  | (0.0361) | (0.0436) |
| Constant | 0.0478 | 0.0576 | 0.0511 |
|  | (0.0487) | (0.0427) | (0.0426) |
|  |  |  |  |
| Observations | 500 | 500 | 500 |
| R-squared | 0.711 | 0.776 | 0.779 |

Standard errors in parentheses, *** p<0.01, ** p<0.05, * p<0.1

## 2    Widescreen

Default screen ration is 4:3. Load the following package in the preamble to make all frames wider to 16:9 ratio:

```
\usepackage[orientation=landscape,size=custom,
width=16,height=9,scale=0.5,debug]{beamerposter}
```

Title page or other frames should not get distorted because of it.

16:9

4:3

# 3 Outline

KU LEUVEN  kulak

## 3  Itemize

(default)

- Itemize style
- Itemize style
  - Itemize subitem
  - Itemize subitem
    - Itemize subsubitem
    - Itemize subsubitem
  - Itemize subitem
- Itemize style

# 3   Itemize

(extra space between items)

- ▶ Itemize style

- ▶ Itemize style
  - Itemize subitem

  - Itemize subitem

  - Itemize subitem

- ▶ Itemize style

# 3   Enumerate

(default)

1. Enumerate style
2. Enumerate style
   1. Enumerate subitem
   2. Enumerate subitem
      1. Enumerate subsubitem
      2. Enumerate subsubitem
   3. Enumerate subitem
3. Enumerate style

# 3   Enumerate

(option I) + pause

I Enumerate style

II Enumerate style

    I Enumerate subitem
    II Enumerate subitem

KU LEUVEN kulak

## 3   Enumerate

(option I) + pause

    I Enumerate style

  II Enumerate style

        I Enumerate subitem

      II Enumerate subitem

           I Enumerate subsubitem

         II Enumerate subsubitem

## 3  Enumerate

(option I) + pause

    I Enumerate style

   II Enumerate style

        I Enumerate subitem

       II Enumerate subitem

           I Enumerate subsubitem

          II Enumerate subsubitem

      III Enumerate subitem

  III Enumerate style

KU LEUVEN  kulak

# 3 Enumerate

(option i.)

    i. Enumerate style

   ii. Enumerate style

        i. Enumerate subitem

       ii. Enumerate subitem

            i. Enumerate subsubitem

           ii. Enumerate subsubitem

      iii. Enumerate subitem

  iii. Enumerate style

# 3 Enumerate

(option A.) + effects

A. Enumerate style
B. Enumerate style

# 3    Enumerate

(option A.) + effects

  A.  Enumerate style

  B.  Enumerate style

      A.  Enumerate subitem

## 3   Enumerate

(option A.) + effects

A. Enumerate style
B. Enumerate style
    A. Enumerate subitem
    B. Enumerate subitem
        A. Enumerate subsubitem
        B. Enumerate subsubitem

KU LEUVEN kulak

# 3    Enumerate

(option A.) + effects

  A. Enumerate style
  B. Enumerate style
      A. Enumerate subitem
      B. Enumerate subitem
          A. Enumerate subsubitem
          B. Enumerate subsubitem
      C. Enumerate subitem

# 3   Enumerate

(option A.) + effects

A. Enumerate style
B. Enumerate style

    A. Enumerate subitem
    B. Enumerate subitem

    C. Enumerate subitem

C. Enumerate style

# 3  Enumerate

(option a + extra space)

a  Enumerate style
b  Enumerate style

   a  Enumerate subitem
   b  Enumerate subitem

      a  Enumerate subsubitem
      b  Enumerate subsubitem

   c  Enumerate subitem

c  Enumerate style

KU LEUVEN  kulak

# 4 Outline

# 4 Theorems and other blocks

**Title of the bloc**

Text for generic block

**Example block title**

Text for example block

**Alert block title**

Text for alert block

# 4 Theorems and other blocks

Theorem environment

> **Theorem**
>
> $a^2 + b^2 = c^2$

Definition environment

> **Definition**
>
> Here is definition text

Example environment

> **Example**
>
> Example text

# 4    Theorems and other blocks

Proof environment

> **Proof.**
> Proof text. □

> **Proof with custom title**
> Proof with any name and optionally without full stop in the title □

Corollary environment

> **Corollary**
> $x + y = y + x$

# 4  Boxes

'Beamer color box' with five different pre-set colour combinations

box1 scheme

box2 scheme
second line

box3 scheme,
aligned right

box4 scheme,
aligned left

box5

# 4  Quotes

Quote

> *Quote environment is for a short quotation, or a series of small quotes, separated by blank lines.*

Quotation

> *Quotation environment is for use with longer quotations, of more than one paragraph, because it indents the first line of each paragraph.*
>
> *Quotation environment is for use with longer quotations, of more than one paragraph, because it indents the first line of each paragraph.*
>
> *– WikiBooks LaTeX guide*

# 4    Quotes

Verse

> *Verse environment*
> *is for quotations where*
> *line breaks are important.*

Verbatim

```
Verbatim text is ideal for typesetting program
source code. To use it in Beamer the frame needs
option [fragile].
```

Abstract environment

## Abstract

Lorem ipsum dolor sit amet, consectetur adipiscing elit.
Pellentesque quis pharetra sapien, non tempor tortor. Vestibulum
gravida mauris ac lorem semper, vel vulputate mauris tincidunt.
Sed diam ante, dignissim consequat pulvinar in, placerat eu nibh.
Donec congue id elit sit amet iaculis.
Proin pellentesque vel ex in fermentum. Pellentesque suscipit odio
ut accumsan feugiat. Aliquam erat volutpat. Sed feugiat cursus
eros, sit amet vestibulum ipsum pulvinar at. Sed eget porttitor
purus. Duis nec nunc ex. Vestibulum ante ipsum primis in
faucibus orci luctus et ultrices posuere cubilia Curae.

KU LEUVEN kulak

# 4  Buttons

Standard buttons

[ Link to Figure 1 ]

[ ▸ Extra frame ]

[ ⇥ Button with long title and no link ]

[ ◂ ]

These buttons can link to any frame, figure, table, theorem, section, or anything else with defined label

KU LEUVEN kulak

Ending frame (version 1)

Ending frame (version 2)

# 4 Extra slide

Because of frame option [noframenumbering] this frame is not counted in the total number of frames.

This button with cross-referencing link that will take you back to the frame:

◂ Back to Buttons