Heverlee Beamer theme

\usetheme{Heverlee}

John Doe

Placeholder University

September 2020

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Recommended, predefined colours

- ▶ black
- ▶ primary blue (`pblue`)
  - › Can be changed by adding to preamble:
    `\definecolor{pblue}{RGB}{49,130,189}`
- ▶   ← white, when background is dark
- ▶ 50% gray for text and 5% gray for background (`lgray`)

- ▶ if necessary use red text color
- ▶ red is also default for alert text

Title of the bloc
Text for generic block …

Example block title
Text for example block …

Alert block title
Text for alert block …

Theorem environment

Theorem

A theorem is a non-self-evident statement that has been proven to be true.

Definition environment

Definition

A definition is a statement of the meaning of a term (a word, phrase, or other set of symbols).

Example environment

Example

Something that serves to illustrate or explain a rule.

Proof environment

Proof.

A mathematical proof is an inferential argument for a mathematical statement, showing that the stated assumptions logically guarantee the conclusion. □

Corollary environment

Corollary

A corollary is a theorem of less importance which can be readily deduced from a previous, more notable statement.

Standard buttons

▸ Link to frame

⏩ Button with long title and no link

◂

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

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(default)

- ▶ Itemize style
- ▶ Itemize style
  - > Itemize subitem
  - > Itemize subitem
    - - Itemize subsubitem
    - - Itemize subsubitem
  - > Itemize subitem
- ▶ Itemize style

(extra space between items)

- ▶ Itemize style

- ▶ Itemize style
  - \> Itemize subitem

  - \> Itemize subitem

  - \> Itemize subitem

- ▶ Itemize style

(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

(option I) + pause

    I Enumerate style

    II Enumerate style

        I Enumerate subitem

        II Enumerate subitem

(option I) + pause

    I Enumerate style

    II Enumerate style

        I Enumerate subitem

        II Enumerate subitem

            I Enumerate subsubitem

            II Enumerate subsubitem

(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

(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

(option A.) + effects

A. Enumerate style
B. Enumerate style

(option A.) + effects

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

(option A.) + effects

A. Enumerate style

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

(option A.) + effects

A. Enumerate style

B. Enumerate style

    A. Enumerate subitem

    B. Enumerate subitem

        A. Enumerate subsubitem

        B. Enumerate subsubitem

    C. Enumerate subitem

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(option A.) + effects

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

    C. Enumerate subitem
C. Enumerate style

(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

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3 (A) Math font

In preamble of demo.tex there are a few options to easily modify or customise your presentation

Default sans-serif math:

- $c^2 = a^2 + b^2 - 2ab\cos\gamma$
- $e^{\pm i\theta} = \cos\theta \pm i\sin\theta$

To change to serif math everywhere

- $c^2 = a^2 + b^2 - 2ab\cos\gamma$
- $e^{\pm i\theta} = \cos\theta \pm i\sin\theta$

```
\usefonttheme[onlymath]{serif}
```

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3 (B) Change primary colour

- ▶ Default color for frame titles, itemization and other elements is blue
- ▶ You can redefine primary color, to e.g. orange, by changing RGB values:

```
\definecolor{pblue}{RGB}{206,125,66}
```

- ▶ Add additional small foreground image on the title page
- ▶ Add in preamble:

```
\titlegraphic{\includegraphics[height=3cm]{myimage.png}}
```

Not that this not for the background image. Go to:

3 (D) Footline logo

- ▶ Add your logo in bottom right corner
- ▶ Command \logo can be removed, and no logo will be shown

```
\logo{\includegraphics[height=0.7cm]{logo.png}\hspace{12pt}
    \vspace{-6pt}}
```

- ▶ Add information on bottom of every frame
- ▶ Four options:
  - > `infoline` : Text line with author, titile and institute
  - > `navigation` : Dots by frame and section showing progress
  - > `navsym` : Navigation symbols
  - > Nothing (delete/disable all)

- ▶ Options cannot be combined
- ▶ Can be combined with logo

`\setbeamertemplate{footline}[infoline]`

3 (F) 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=0.45,debug]{beamerposter}
```

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

4 Outline

1. Basic examples

2. Itemization and enumeration examples

3. Quick options & customisation

4. Title page background templates gallery

- ▶ Easily change first page background image with a selection of templates, or any photo you want (change filename in red)
- ▶ All included images are based on photos that free for commercial and non-commercial use. Attribution is not required.
- ▶ Background image can be removed (delete the entire line)

```
{
\usebackgroundtemplate{\parbox[b][\paperheight]
[b]{\paperwidth}{\centering \includegraphics
[width=\paperwidth]{Background/bg_alishan.jpg}}}
\begin{frame}[plain,noframenumbering]
  \titlepage
\end{frame}
}
```

Part in gray is is not always necessary. It ensures the images of various sizes will fit and are aligned.

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Thank you