

The background of the slide is a grayscale photograph of a mountainous landscape. In the foreground, there are tall, thin grasses or reeds. In the mid-ground, there are dense trees and shrubs. In the background, there are steep, rocky mountains under a cloudy sky. A solid blue horizontal bar is positioned across the upper middle of the slide, containing the title and LaTeX code.

# Heverlee Beamer theme

`\usetheme{Heverlee}`

John Doe

Placeholder University

September 2020

- ① Basic examples
- ② Itemization and enumeration examples
- ③ Quick options & customisation
- ④ Title page background templates gallery

- ① Basic examples
- ② Itemization and enumeration examples
- ③ Quick options & customisation
- ④ Title page background templates gallery

# 1 Color palette

| 3

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

# 1 Theorems and other blocks

| 4

Title of the bloc

Text for generic block ...

Example block title

Text for example block ...

Alert block title

Text for alert block ...

# 1 Theorems and other blocks

| 5

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.

# 1 Theorems and other blocks

| 6

## 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.*

# 1 Buttons

| 7

## 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.



- ① Basic examples
- ② Itemization and enumeration examples
- ③ Quick options & customisation
- ④ Title page background templates gallery

## 2 Itemize

| 9

(default)

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

## 2 Itemize

| 10

(extra space between items)

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

## 2 Enumerate

| 11

(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

## 2 Enumerate

| 12

(option I) + pause

- I Enumerate style

- II Enumerate style

- I Enumerate subitem

- II Enumerate subitem

## 2 Enumerate

| 12

(option I) + pause

- I Enumerate style

- II Enumerate style

- I Enumerate subitem

- II Enumerate subitem

- I Enumerate subsubitem

- II Enumerate subsubitem

## 2 Enumerate

| 12

(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

## 2 Enumerate

| 13

(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



## 2 Enumerate

| 14

(option A.) + effects

A. Enumerate style

B. Enumerate style

## 2 Enumerate

| 14

(option A.) + effects

A. Enumerate style

B. Enumerate style

A. Enumerate subitem

## 2 Enumerate

| 14

(option A.) + effects

A. Enumerate style

B. Enumerate style

A. Enumerate subitem

B. Enumerate subitem

A. Enumerate subsubitem

B. Enumerate subsubitem

## 2 Enumerate

| 14

(option A.) + effects

A. Enumerate style

B. Enumerate style

A. Enumerate subitem

B. Enumerate subitem

A. Enumerate subsubitem

B. Enumerate subsubitem

C. Enumerate subitem

## 2 Enumerate

| 14

(option A.) + effects

A. Enumerate style

B. Enumerate style

A. Enumerate subitem

B. Enumerate subitem

C. Enumerate subitem

C. Enumerate style

## 2 Enumerate

| 15

(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

- ① Basic examples
- ② Itemization and enumeration examples
- ③ Quick options & customisation
- ④ Title page background templates gallery

### 3 (A) Math font

| 17

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}`



### 3 (B) Change primary colour

| 18

- ▶ 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}
```

### 3 (C) First page foreground image

| 19

- ▶ 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: [▶ First page background](#)

### 3 (D) Footline logo

| 20

- ▶ 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}}
```



### 3 (E) Footline information bar

| 21

- ▶ Add information on bottom of every frame
- ▶ Four options:
  - > `infoline` : Text line with author, title 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

| 22

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.

- ① Basic examples
- ② Itemization and enumeration examples
- ③ Quick options & customisation
- ④ Title page background templates gallery

## 4 First page background

| 24

- ▶ 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.





# Heverlee Beamer theme

`\usetheme{Heverlee}`

John Doe

Placeholder University

September 2020



The background of the slide is a grayscale photograph of a mountainous landscape. In the foreground, there are tall, thin grasses or reeds. The middle ground shows a steep, rocky mountain slope with some vegetation. The background features more distant, hazy mountain peaks under a cloudy sky. A solid blue horizontal bar spans the width of the slide, positioned above the main title.

# Heverlee Beamer theme

`\usetheme{Heverlee}`

John Doe

Placeholder University

September 2020

# Heverlee Beamer theme

`\usetheme{Heverlee}`

John Doe

Placeholder University

September 2020

# Heverlee Beamer theme

`\usetheme{Heverlee}`

John Doe

Placeholder University

September 2020



# Heverlee Beamer theme

`\usetheme{Heverlee}`

John Doe

Placeholder University

September 2020



# Heverlee Beamer theme

`\usetheme{Heverlee}`

John Doe

Placeholder University

September 2020



# Heverlee Beamer theme

`\usetheme{Heverlee}`

John Doe

Placeholder University

September 2020

# Heverlee Beamer theme

`\usetheme{Heverlee}`

John Doe

Placeholder University

September 2020



# Heverlee Beamer theme

`\usetheme{Heverlee}`

John Doe

Placeholder University


September 2020





# Heverlee Beamer theme

`\usetheme{Heverlee}`



John Doe

Placeholder University

September 2020

The background of the slide is a grayscale photograph of a library aisle. On the left and right sides, there are tall bookshelves filled with books. The aisle leads towards a bright light at the far end, creating a sense of depth. The ceiling has a complex, geometric structure with exposed beams and a grid of lights.

# Heverlee Beamer theme

`\usetheme{Heverlee}`

John Doe

Placeholder University

September 2020

The background of the slide is a grayscale, painterly image of a city skyline. In the foreground, a large bridge with multiple arches spans across the frame. The city buildings are visible in the background, partially obscured by the bridge and a hazy atmosphere. The overall style is artistic and somewhat abstract.

# Heverlee Beamer theme

`\usetheme{Heverlee}`

John Doe

Placeholder University

September 2020



# Heverlee Beamer theme

`\usetheme{Heverlee}`

John Doe

Placeholder University

September 2020

The background of the slide is a faded, grayscale image of the Golden Gate Bridge in San Francisco. The bridge's iconic towers and suspension cables are visible, spanning across the water. The image is used as a decorative backdrop for the presentation title and author information.

# Heverlee Beamer theme

`\usetheme{Heverlee}`

John Doe

Placeholder University

September 2020

# Heverlee Beamer theme

`\usetheme{Heverlee}`

John Doe

Placeholder University

September 2020



# Heverlee Beamer theme

`\usetheme{Heverlee}`

John Doe

Placeholder University

September 2020

