

UFC Beamer Presentation Theme

Using \LaTeX to prepare slides

Template UFC Beamer

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16 mai 2024

This template is based on [Sapienza Presentation](#) from [Andrea Gasparini](#)

In the following you find a brief introduction on how to use the beamer package to prepare slides, based on the one written by [Andrea Gasparini](#) for [Sapienza Presentation](#)

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Before Started

1 Introduction

File structure of this project :

File Structure

- `beamerthemesrc` % The theme folder, just leave it.
- `images` % Put your images here.
- `header.tex` % Put your packages and commands here.
- `main.tex` % Compile this main.tex file.
- `contents` % Contents contained in the main.tex

Getting Started

Selecting the UFC Theme

To start working with UFCbeamer, start a \LaTeX document with the preamble :

Minimum UFC Beamer Document

```
\documentclass{beamer}
\input{header.tex}
\begin{document}
\begin{frame}{Hello, world!}
\end{frame}
\end{document}
```

Title page

1 Introduction

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

The Commands for the Title Page

```
\title{Sample Title}  
\subtitle{Sample subtitle}  
\author{First Author, Second Author}  
\date{\today} % Can also be (ab)used for conference name &c.
```

You can then write out the title page with `\maketitle`.

To set a **background image** use the `\titlebackground` command before `\maketitle`; its only argument is the name (or path) of a graphic file.

If you use the **starred version** `\titlebackground*`, the image will be clipped to a split view on the right side of the title slide.

Writing a Simple Slide

It's really easy !

- A typical slide has bulleted lists

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- 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}
```

Plan

2 Personalization





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Changing Slide Style

2 Personalization

- You can select the white or *maincolor* **slide style in the preamble** with `\themecolor{white}` (default) or `\themecolor{main}`
 - You should *not* change these within the document : Beamer does not like it
 - If you *really* must, you may have to add `\usebeamercolor [fg] {normal text}` in the slide
- You can change the **footline colour** with `\footlinecolor{color}`
 - Place the command *before* a new frame
 - There are four “official” colors :  `maincolor`,  `ufcyellow`,  `ufcgreen`,  `ufcdarkgreen`
 - Default is no footline ; you can restore it with `\footlinecolor{}`
 - Others may work, but no guarantees !
 - Should *not* be used with the `maincolor` theme !

Blocks

2 Personalization

Standard Blocks

These have a color coordinated with the footline (and grey in the blue theme)

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

Colour Blocks









Similar to the ones on the left, but you pick the colour. Text will be white by default, but you may set it with an optional argument.

```
\begin{colorblock}[black]{ufclightgreen}{title}
content...
\end{colorblock}
```

The “official” colours of colour blocks are :  `ufclilla`,  `maincolor`,  `ufcdarkgreen`, and  `ufcyellow`.

Using Colours

2 Personalization

- You can use colours with the `\textcolor{<color name>}{text}` command
- The colours are defined in the `ufccolor` package :
 - Primary colours :  `maincolor` and its sidekick  `ufcgrey`
 - Three shades of green :  `ufclightgreen`,  `ufcgreen`,  `ufcdarkgreen`
 - Additional colours :  `ufcyellow`,  `ufcred`,  `ufclilla`
- Do *not* abuse colours : `\emph{}` is usually enough
- Use `\alert{}` to bring the focus somewhere

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- 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

2 Personalization

Adding images works like in normal \LaTeX :

Code for Adding Images

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

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Splitting in Columns

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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}
  \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}
```









Special Slides

2 Personalization

- Chapter slides
- Side-picture slides

Chapter slides

2 Personalization

- Similar to `frames`, but with a few more options
- Opened with `\begin{chapter} [<image>] {<color>} {<title>}`
- Image is optional, colour and title are mandatory
- There are seven “official” colours :  `maincolor`,  `ufcdarkgreen`,  `ufcgreen`,  `ufclightgreen`,  `ufcred`,  `ufcyellow`,  `ufclilla`.
 - Strangely enough, these are *more* than the official colours for the footline.
 - It may still be a nice touch to change the footline of following slides to the same color of a chapter slide. Your choice.
- Otherwise, `chapter` behaves just like `frame`.

Side-Picture Slides

2 Personalization

- Opened with
`\begin{sidepic}{<image>}{<title>}`
- Otherwise, `sidepic` works just like `frame`



Fonts

2 Personalization

- 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

Look

2 Personalization

- To insert a final slide with the title and final thanks, use `\backmatter`.
 - The title also appears in footlines along with the author name, you can change this text with `\footlinepayoff`
 - You can remove the title from the final slide with `\backmatter[notitle]`
- 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 `ufc` theme
 - If you *really* know what you are doing, check the package code and look for the `geometry` class.

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Good Luck!

3 Summary

- Enough for an introduction ! You should know enough by now
- If you have corrections or suggestions, please don't notify me.

UFC Beamer Presentation Theme

Merci de votre attention !