CambridgeUK

A LaTeX Beamer class in the new colors of an old university

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Abstract

The package cambridgeUK provides the color scheme of the University of Cambridge. It is currently experimental, and only optimised to work with Beamer's very lightweight default layout. See the end of this document for installation instructions.

Frametitles have a strong background

and include subtitles in their bar

- The style file `beamercolorthemecambridgeuk.sty` provides the official color scheme of the University of Cambridge, UK. [**?**]
- The style file `beamerthemeCambridgeUK.sty` provides a wrapper for this color theme. It also includes a lightweight layout.
- Installation is quick and simple. See the end of this text for instructions.
- Please note that this template is in no way officially endorsed by Cambridge University.

Some examples on a slide

to see what the structures do

- Note that you should keep most text in the simple standard format. Use of the following structural elements should be kept to a minimum
- Bulleted lists are the best structural element

Example

This is an example.

- This is an important item in an example

This is a block

This is text in a block

- This is an important item in a block.[1]

More structural elements

Theorems, proofs

The following two slides are mostly to test the color scheme. I can not recommend using any of these structural elements. Stick with the beauty of an empty, white slide.

Theorem

This is a theorem

- *This is an important item in a theorem.*

Proof titles have to be in square brackets.

This is text in a proof. Note how beamer annoyingly adds a period to the end of the proof title.

- This is an important item in a proof.

Note how beamer adds a *Beweisabschlusszeichen* to the end of the proof, but forgets to change the color. □

Even more structural elements

Verse, Quote and Quotation

This is a text in verse style.

This is a quote.

While this is a quotation. Note how it has a larger indentation in the first line.

Maths

Including mathematical formulae into Beamer presentations is easy

Beamer's biggest strength for scientific presentations is its ability to use the full power of LaTeX's mathematical displays.

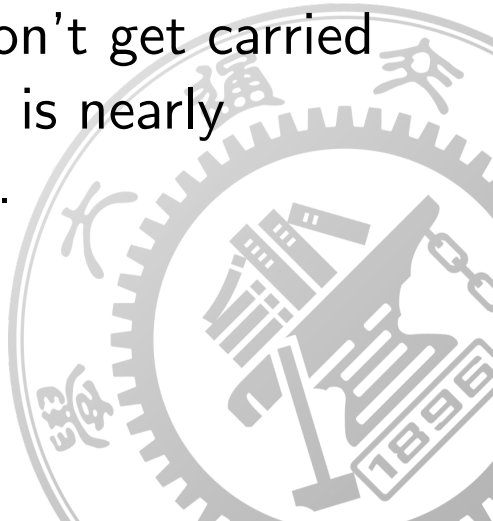
$$\begin{aligned} D_{\mathrm{KL}}(P_0, P_\infty) &= \sum_{\gamma\delta} P_0^{\gamma\delta} \log P_0^{\gamma\delta} - \sum_{\gamma\delta} P_0^{\gamma\delta} \log P_\infty^{\gamma\delta} \\ &= -H(P_0) - \langle \log P_\infty \rangle_0 \end{aligned} \tag{1}$$

Structuring Texts

Lists

1. Of course Beamer can do enumerated lists
2. It also knows how to do columns. This is helpful if you want to put figures next to text.

- bulleted lists are not numbered
- Beamer can do a lot more. For overlays, figures with captions, etc., have a look at [**?**]. But don't get carried away! Simple is nearly always better.



Installation Instructions

These instructions assume you are using a packaged LaTeX distribution, like MikTex or TeXLive. If you have a custom installation, chances are you are proficient enough to interpret these instructions accordingly.

1. install beamer. If you are using a LaTeX distribution, it's most probably already installed. Otherwise, see [**?**]
2. find the beamer package directory. It's typically in [texroot]/tex/latex/beamer/. Change there.
3. copy the file `beamercolorthemecambridgeuk.sty` to ./themes/color/.
4. copy the file `beamerthemeCambridgeUK.sty` to ./themes/theme/.
5. run `sudo texhash`, or the equivalent on your system[2]

[2] Under MikTex on Windows, open Start → MikTex → Settings and run

Bibliography

- Tantau, Till
  The Beamer class
  http://latex-beamer.sourceforge.net/
- University of Cambridge
  Identity Guidelines – first edition, May 2008
  http://www.admin.cam.ac.uk/offices/...
  communications/services/identityguidelines/