

UIBK corporate design: LaTeX style files

Description

- Summary: LaTeX style files for the new corporate design of Universität Innsbruck, with feedback from the BfÖ, providing `beamer`-based slides and posters as well as `scr1ttr2`-based letters.
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- Copyright: Justus Piater, Reto Stauffer, Christian Sternagel, Achim Zeileis (style files), Universität Innsbruck (logos/images).
- License: GPL-2 | GPL-3
- URL: https://git.uibk.ac.at/uibklatex/beamer_letter/
- Documentation: Some hands-on comments and basic documentation is contained in the LaTeX sources of `slides.tex`, `poster.tex`, and `letter.tex`, respectively.
- LaTeX engine: `pdflatex`, `xelatex`, and `lualatex` are supported.

Files

- `beamerthemeuibk.sty`: Main beamer theme style file.
- `beamerthemeuibkposter.sty`: Additional styles for posters (based on `beamerthemeuibk.sty`).
- `uibkltr.cls`: LaTeX letter class.
- `uibkltr.cfg`: Personal configuration file for letters.
- `letter.tex`: Example LaTeX file for letters.
- `slides.tex`: Example LaTeX file for presentation slides (16:9 and 4:3 option available).
- `poster.tex`: Example LaTeX file for conference posters (portrait and landscape option available).
- `qrcode.pdf`: Example of a QR code for a poster with more information or poster download.
- `_images/` contains the images used by the `beamerthemeuibk`, `beamerthemeuibkposter`, and `uibkltr`. Namely:
 - `_images/uibk_logo_4c_cmyk.pdf`: UIBK logo (2016 version).
 - `_images/uibk_header1.png`: UIBK header image 1 for slides
 - `_images/uibk_header2.png`: UIBK header image 2 for slides
 - `_images/uibk_header3.png`: UIBK header image 3 for slides
 - `_images/uibk_header4.png`: UIBK header image 4 for slides
 - `_images/uibk_header1p.png`: UIBK header image 1 for posters
 - `_images/uibk_header2p.png`: UIBK header image 2 for posters
 - `_images/uibk_header3p.png`: UIBK header image 3 for posters
 - `_images/uibk_header4p.png`: UIBK header image 4 for posters
 - `_images/license_ccby.pdf`: CC-BY license logo.

Installation

- All-inclusive (*recommended*): Copy all files/folders to your TEXMF tree, e.g., `texmf/tex/latex/uibklatex/`.
- Letter-only: Copy the file `uibkltr.cls` (and optionally `uibkltr.cfg`) along with `uibk_logo_4c_cmyk.pdf` to your working directory.
- Beamer-only: Copy the file `beamerthemeuibk.sty` and the entire folder `_images` to your local working directory.
- Poster-only: Copy `beamerthemeuibkposter.sty` in addition to the beamer-only files.
- Templates: Start with the example LaTeX file (`letter.tex`, `slides.tex`, or `poster.tex`), containing the sources for a demo along with many useful hints and comments in the source code.
- Compile with `pdflatex`, `xelatex`, or `lualatex`.

Implementation details *Colors*: The corporate design colors are pre-defined: `uibkblue` and `uibkorange`. Furthermore, light versions of these colors (e.g., for backgrounds or shadings of images) are provided (`uibkbluel` and `uibkorangel`). Moreover, three levels of gray are provided: `uibkgray` (used for the regular text), a medium `uibkgraym` (e.g., used for frame titles), and a light `uibkgrayl` (for backgrounds and shadings).

Fonts: The corporate design employs the fonts Frutiger and Calibri which are not easily available across systems in LaTeX. Therefore, for `pdflatex` the font “Carlito” from the LaTeX package `{carlito}` is used as a font-metric compatible replacement for Calibri and the font “Bera Sans” from the LaTeX package `{berasans}` is employed as a Frutiger descendant. To be able to use the font on linux systems the `texlive-fonts-extra` package might have to be installed. For `xelatex` and `lualatex` the DejaVu Sans font family is used via the `{fontspec}` package.

KOMA-Script: The `uibkltr.cls` class depends on the KOMA-Script class `scr1tr2.cls` (see also below), necessitating a recent version of KOMA-Script. Older LaTeX distributions may ship with outdated versions, though, leading to an error during compilation (error in: `\ifstrstart{#1}{plain.scrheadings.foot}`). If you encounter this problem please update KOMA-Script on your system, e.g.:

- Visit <https://www.ctan.org/pkg/koma-script>.
- Download the latest `koma-script.tds.zip` and unzip the archive.
- Copy the folder `tex/latex/koma-script/` into your TEXMF tree, e.g., `~/texmf/tex/latex/koma-script/`.
- On linux systems the `berasans` font (`bera.map`) has to be installed. If not please install the `texlive-fonts-extra` package.
- Tested with: LaTeX 3.14159265-2.6-1.40.16 and KOMA-Script 2017/04/13 v3.23.

Presentation slides and posters

Features

- Based on the general LaTeX class `beamer`, thus providing the corresponding usual formatting options.
- Aspect ratio: 16:9 or 4:3.
- Header images: One of four images from the corporate design.
- Colors: Predefined colors from the corporate design in different shadings (see above).
- Footer options: Formatting, page numbering, Creative Commons license.

Example: 16:9 slides with footer, university logo, and no total frame count.

```
\documentclass[11pt,t,usepdftitle=false,aspectratio=169]{beamer}
\usetheme[nototalframenummer,foot,logo]{uibk}
\headerimage{3}
```

Additional poster features

- **IMPORTANT:** When using the poster theme to print/plot posters (e.g., for conferences) make sure the final PDF is of version 1.4; newer versions cause problems in combination with Adobe Acrobat (e.g., Studio, print shop). `poster.tex` forces `pdflatex` to use pdf mior version 1.4. In case of using XeTeX or LuaTeX: check the comments in `Makefile` and/or `poster.tex`, solutions for both are included. Use `pdfinfo <pdffile>` to check the version used to create the PDF file.
- The poster theme is an extension of the UIBK `beamer` class.
- Allows for both, landscape and portrait posters.
- Size: A0 or A1.
- Color themes: Default theme (using `uibkblue` and `uibkgraym`) or alternatively `orangetheme` (using `uibkorange` for titles etc.).
- Flexible specification of the number of columns.

Example: A0 landscape poster with 3 columns using the orange theme

```
\documentclass[final]{beamer}
\usepackage[orientation=landscape,size=a0,scale=1.30]{beamerposter}
\usetheme[ncols=3,orangetheme]{uibkposter}
\headerimage{3}
```

Verbatim commands The beamer theme provides a set of useful functions such as `\email`, `\doi`, `\file` and `\dataset` (among others) which produce verbatim output. By default they use the text color (dark gray) but could be changed manually, e.g., to `uibkblue`.

```
\setbeamercolor{verbcolor}{fg=uibkblue}
```

Letters

Features

- Based on the general LaTeX class `scr1ttr2` (using KOMA-Script), thus providing the corresponding usual formatting options.
- Flexible configuration of header (faculty/department/name), footer (address), and reference lines (telephone/fax/etc.).
- Colors: Predefined colors from the corporate design in different shadings (see above).
- Footer options: Formatting, page numbering, Creative Commons license.

KOMA variables Header:

- **subtext**: Additional text (faculty) beneath the logo.
- **institute**: Additional text (department/name) “top right”.

Footer:

- **fromaddress**: Address line.

Reference line:

- **fromname**: Name/title.
- **fromemail**: E-mail.
- **fromphone**: Telephone number.
- **fromfax**: Fax number.
- **refnum**: Reference number (Geschäftszahl).

Formatting:

- **backaddress**: Empty.
- **firstfoot**: Positioning **fromaddress**.
- **firsthead**: Positioning **fromlogo**, **subtext** and **institute**.
- **fromlogo**: UIBK logo.
- **invoice**: Positioning **date**.
- **yourref**: Positioning reference line (**fromname**/**fromemail**/...).

The personal configuration for letters (name, address, faculty, department, ...) can be stored in `uibkltr.cfg`. This is then loaded automatically by `uibkltr` (unless suppressed by the `noconfig` option as in the `letter.tex` template).

To omit the entire header (including the logo) for pre-printed letter paper the `noheader` option, e.g., `\documentclass[german,noheader]{uibkltr}`.