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 `scrlttr2`-based letters.
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- Copyright: 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.

Files

- `beamerthemeuibk.sty`: Main beamer theme style file.
- `beamerthemeuibkposter.sty`: Additional styles for posters (based on `beamerthemeuibk.sty`).
- `uibklttr.cls`: LaTeX letter class.
- `uibklttr.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` and `beamerthemeuibkposter`. 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 `uibklttr.cls` (and optionally `uibklttr.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 addtion 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.

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, 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.

KOMA-Script: The `uibklttr.cls` class depends on the KOMA-Script class `scrlttr2.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/`.
- 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[nototalframenumber,foot,logo]{uibk}
\headerimage{3}
```

Additional poster features

- Also based on the UIBK `beamer` class plus some further formatting.
- Orientation: Landscape or portrait.
- 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 `scrlttr2` (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 `uibklttr.cfg`. This is then loaded automatically by `uibklttr` (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[ngerman,noheader]{uibklttr}`.