

OTHAWbeamer

The \LaTeX -beamer template of OTH Amberg-Weiden
Erika Mustermann



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All options must be set when loading OTHAWbeamer, e.g.,

```
\documentclass[amwen]{OTHAWbeamer}
```

amberg Title page with picture of the Amberg campus

weiden Title page with picture of the Weiden campus

amwen Title page with picture of both campuses

white Title page with no picture (default¹)

orange Title page with orange bar

When using the **white** option, one can adjust the width of the title with, e.g.,

```
\setlength\titlepagetitlewidth{\dimexpr\textwidth - 2cm}
```

¹This indicates the default option if no (other) option is specified

The new corporate design template employs several abstract shapes. They are enabled by default, but can be disabled at wish.

`(no)titleshapes` (Disable) Shapes on title page

`(no)thankyoushapes` (Disable) Shapes on thank you page

`(no)breakshapes` (Disable) Shapes on break page

`(no)shapes` (Disable) Shapes altogether
(shorthand for options mentioned above)

`autotoc` Automatic TOC generation at start of new sections

`noautotoc` Disable this feature (default)

Use macro `\inserttoc` outside a `frame` environment to insert a TOC.
The style of the TOC can be varied using the following options:

`autotoc` Automatic TOC generation at start of new sections

`noautotoc` Disable this feature (default)

Use macro `\inserttoc` outside a frame environment to insert a TOC.

The style of the TOC can be varied using the following options:

`toc=normal` Single-column corporate design TOC (default)

`toc=twocolumn` Two-column corporate design TOC

`toc=fancy` Single-column, fancy TOC with support for subsections²

`toc=legacy` Disable all new TOC features and use the previous style

²See this presentation for reference

There are more options to customize the style of the TOC.

They can be used in combination with the options shown on the previous slide:

`toc=cdstyle` Use corporate design TOC style (default)

`toc=altstyle` Use a slightly modified version of corporate design TOC style
(bold and shaded text for other sections)

`(no)squeezetoc` (Disable) Whitespace removal and font size adjustment to fit more
elements in TOC (use when there are five or more entries per column)

Font: MetaOT

General information

OTH Amberg-Weiden corporate design uses *MetaOT* as main font.
However, there are two problems:

1. it is not free (as in: there is a licensing fee)
2. it is only available in TTF format

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The “solution” is two-fold:

Students No access to *MetaOT*

→ specify option `nometaot` when using the `OTHAWbeamer` class

Staff Access to *MetaOT*'s TTF files

→ Compiling with **pdf(La)TeX**: specify option `nometaot`

→ Compiling with **Lua(La)TeX** or **Xe(La)TeX**: *MetaOT* is used by default

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Option `ignoremetaot` disables all error messages regarding *MetaOT* font and will print warnings instead.

- o. Previous behavior: OTHAWbeamer loads MetaOT files with names
 - ▶ MetaOT.ttf³, MetaOT-Bold.ttf
- 1. Starting from version 0.05e, class OTHAWbeamer loads italic font shapes automatically, when it detects their presence
 - ▶ Filenames: MetaOT-Ita.ttf, MetaOT-BoldIta.ttf
- 2. Version 0.05e introduced a new option condensedmetaot
 - ▶ Loads MetaOT-Cond.ttf, MetaOT-CondBold.ttf by default
 - ▶ Additionally loads MetaOT-CondIta.ttf, MetaOT-CondBoldIta.ttf if present

Examples: **bold** *italic* ***bold italic***

³If the underlined font file is detected, OTHAWbeamer assumes the presence of the second font file, too!

- Option `numberstyle=old` for old-style numbers
- Option `numberstyle=inline` for new-style numbers
- Option `numberstyle=pageref-inline` for old-style numbers, except for page numbering in the bottom right corner (default)

Example:

old	inline
0123456789	0123456789

`aspectratio=XYZ` Default changed to 169; can still be overridden

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- `lecture` When given, displays the subtitle in footer
- `annotate` When given, frames in `annotation` or `erlaeuterung` environments are written to output PDF, otherwise omitted

`aspectratio=XYZ` Default changed to 169; can still be overridden

`lecture` When given, displays the subtitle in footer

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`indicatelastpageofframe` Colorizes the frame counter on the last page of each frame. This is helpful when using frames with many animation steps.⁴

It is possible to colorize the frame counter only for multi-page frames⁵ by defining

```
\def\indicatelastpageofframeminpages{1}
```

⁴See this frame for reference; only when all the content is displayed, the frame counter turns orange

⁵See this presentation for reference; only for frames with multiple pages, the frame counter turns orange

Miscellaneous Options

Included and Extended for Compatibility

tohead Displays a (small) table of contents above a frame's title

notohead Disables tohead (default)

notes Generates handouts and disables all animations;
also disables `indicatelastpageofframe`;
does not show automatically generated table of contents

notes=withautotoc Same as `notes`, but show automatically generated TOCs

notes=withsquaredgrid Same as `notes`, but generate A4 pages with squared grid lines
for personal notes

footlinebox Activates a colored box behind the footline

nofootlinebox Disables a colored box behind the footline, i.e. making it
transparent (default)

compressedtitleimages When using title page designs `amberg`, `weiden` or `amwen`, lower-quality JPG-files are used to reduce presentation file size

Repository Removal of (legacy) `./bin/` folder and Makefile script;
For building \LaTeX presentations with OTHAWbeamer use `latexmk`
Consider using Hephaistos:

Docker <https://hub.docker.com/r/othawemi/hephaistos>

Container-Source <https://git.oth-aw.de/latex-tools/hephaistos>

VS-Code-Devcontainer <https://git.oth-aw.de/latex-tools/hephaistos-vscode>

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Background Image and White Logo

Annotations

Empty Frame Titles

Frame title can be set to custom colors, too

Macro `\logowhite` changes the OTH-AW logo to white *for all following slides*.
Use `\logocolor` to switch back to the colored version of the OTH-AW logo.
Alternatively, use a \TeX group to apply changes only locally (see code).

**However, using a background image is generally not advised
as text legibility is significantly worse!**

Changing the color of the footline is also possible (see code).

It is also possible to display custom information between (sub)title and date using the `\additionalfootlinecontent` macro.

If the *frametitle* is empty, no title and no orange line are displayed in the top left corner.

Use this for large diagrams.

However, if you specify `\frametitle{{}}`,
the title not displayed but it affects layout⁶.

Use this when your diagram obstructs the OTH logo.

⁶The next slide has a title, but notice how the layout is not affected

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the title not displayed but it affects layout⁶.

Use this when your diagram obstructs the OTH logo.

⁶ This slide has a title, but notice how the layout is not affected

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Demo Page #1

Subsubsections work in toc=fancy, too,
but do not make their title too long
Second subsubsection

Demo Page #2

Break Pages (Newly Added Stuff)

Colors

Warnings

You can safely delete all frames before using this template

You can safely delete all frames before using this template

Important Stuff

Always use a subtitle to make things look beautiful

Title of this block

Very important content: $E = mc^2$



The background of the slide is a solid orange color. It is decorated with several abstract geometric shapes in two shades: a darker orange and a lighter, almost white, orange. These shapes include circles of various sizes, rounded rectangles, and semi-circles. Some shapes are solid, while others are partially cut off by the edges of the frame, creating a layered, modern aesthetic.

This is a break frame

Use it to plan breaks during your presentation

OTH Corporate Design Color Scheme

orange1 250,125,25 #FA7D19	blau1 0,103,159 #00679F	cyan1 31,177,204 #1FB1CC	gruen1 69,177,121 #45B179	lila1 108,53,128 #6C3580	grau1 83,85,90 #53555A
orange2 252,177,117 #FCB175	blau2 102,164,197 #66A4C5	cyan2 121,208,224 #79D0E0	gruen2 143,208,175 #8FDOAF	lila2 167,134,179 #A786B3	grau2 152,153,156 #98999C
orange3 253,203,163 #FDCBA3	blau3 153,194,217 #99C2D9	cyan3 165,224,235 #A5E0EB	gruen3 181,224,201 #B5E0C9	lila3 196,174,204 #C4AECC	grau3 186,187,189 #BABBBB
orange4 254,229,209 #FEE5D1	blau4 204,225,236 #CCE1EC	cyan4 210,239,245 #D2EFF5	gruen4 218,239,228 #DAEFE4	lila4 226,215,230 #E2D7E6	grau4 221,221,222 #DDDDDE

This is a very, very long title to demonstrate what can go wrong whilst making a plea to the user

Don't do that

Any questions left?

There are multiple ways to end your presentation

Any questions left?

There are multiple ways to end your presentation

Choose one

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Thank you!

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