

TUDoBeamerTheme and TUDoBeamerTheme_dark

A LATEX beamer theme

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Notes

This theme is based on the excellent TUDoBeamerTheme provided by Maximilian Nöthe https://github.com/maxnoe/TUDoBeamerTheme. I merely added the dark theme option as well as some extras I found useful or "nice to have" when I created some talks with the original theme.

- To install this theme at least the files beamerthemetudo.sty and beamerthemetudo_dark.sty as well as the folder logos have to be moved to a folder where ∠T-X can find packages. This can be
 - TEXMFHOME/tex/latex/tudobeamertheme and TEXMFHOME/tex/latex/tudobeamertheme_dark. You can get TEXMFHOME by running kpsewhich --var-value TEXMFHOME, usually this would be \$HOME/texmf.
 - The same folder in which you compile your document.
 - Any folder that is included in the variable TEXINPUTS (see makefile).

One liner for installation:

\$ cd `kpsewhich --var-value TEXMFHOME` && git clone https://github.com/aknierim/tudobeamertheme_dark

General information on LTEX and Beamer:

- Extensive course on MTEX by PeP et Al. http://toolbox.pep-dortmund.org/notes
- Beamer MTEX class documetation: http://www.ctan.org/pkg/beamer



The font recommended in the corporate design of the TU Dortmund university is "Akkurat Office".

If that font is not available, "Fira Sans" will be used as an alternative.

When using **xelatex** or **lualatex** the font "Latin Modern Math" will be used as a default but can be changed to "Fira Math" if you want a sans serif font.



Some maths

Maths fonts can be set in beamerthemetudo.sty or beamerthemetudo_dark.sty. Currently this is set to "Latin Modern Math". Look for \setmathfont{} to set a different math font.

$$\nabla \cdot \mathbf{B} = 0$$

$$\nabla \cdot \mathbf{E} = \frac{\rho}{\varepsilon_0}$$

$$\nabla \times \mathbf{E} = -\partial_t \mathbf{B}$$

$$\nabla \times \mathbf{B} = \mu_0 \mathbf{j} + \mu_0 \varepsilon_0 \partial_t \mathbf{E}$$



Plot

This theme also comes with a darkmode.mplstyle that allows you to create plots fitting the dark or light theme (see plots/darkmode.mplstyle). The style will be applied automatically when running make <all | light | dark>.

