

Example Template

Johannes Agricola

II. Physikalisches Institut

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Bundesministerium
für Bildung
und Forschung



- Some example text
 - And some subitems

Titlepage peculiarity

Do not forget to build this template twice after you have altered the title page. It uses tikz for alignment and the `remember picture` option which requires two runs. If you forget to do that, parts of the title page may be shifted.

Test slide with a slightly longer frame title



- Long frame titles should not be used.
- Nevertheless, they are possible now.

Shorter Title

And a slightly longer subtitle.



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- Long frame titles should not be used.
- Nevertheless, they are possible now.

Standard Blocks

```
\begin{block}...
```

Alerted Blocks

```
\begin{alertblock}...
```

Example Blocks

```
\begin{exampleblock}...
```

Some Blocks w/o a title...



```
\begin{block}...
```

```
\begin{alertblock}...
```

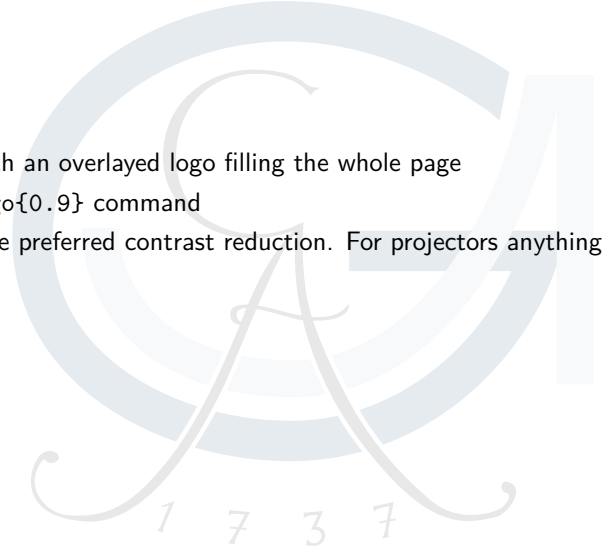
```
\begin{exampleblock}...
```

- A completely titleless page

- A titleless page with an overlayed logo.
- use `\ugoeAddLogo` command
- recompile **twice**

- A titleless page with an overlayed logo, but no text.
- use `\ugoeAddShortLogo` command
- recompile **twice**

- A titleless page with an overlayed logo, no text, and the logo is really, really tiny.
- use `\ugoeAddSmallLogo` command
- recompile **twice**

- 
- A titleless page with an overlaid logo filling the whole page
 - use `\ugoeHugeLogo{0.9}` command
 - replace 0.9 with the preferred contrast reduction. For projectors anything above 0.9 is probably totally useless
 - recompile **twice**

that the ATLAS Pixel Detector extends to about 1.3 m in Z direction? Most pixels are $50 \times 400 \mu\text{m}^2$ in size. The area of each pixel is then the product of these sides $A = x \cdot y$.

Sorry if you did not learn that much. This slide is mostly just for testing math fonts. (By the way... don't forget to use Slunits wherever possible. Non-italicized μs are also available when using

`\unit{400}\{\micro\metre\}` $\mapsto 400 \mu\text{m}$.

Additionally, `\micro` is available in plain text (μ), without the need to include `textcomp`.)

We also have some aligned math:

$$\int_V \operatorname{div} \vec{F} \, dV = \oint_S \vec{F} \cdot \vec{n} \, dS$$

- This is the right column to put stuff into
 - They are both centered, as usual.
 - You can also put images in one of the two columns if you prefer that.
- This is the right column

Multiple columns?

Two columns and some stuff below



- This is the right column to put stuff into
- They are both centered, as usual.
- You can also put images in one of the two columns if you prefer that.
- This is the right column

We can also add stuff after the two columns. Though, this does not look as nice as you would expect.

tiny

scriptsize

footnotesize

small

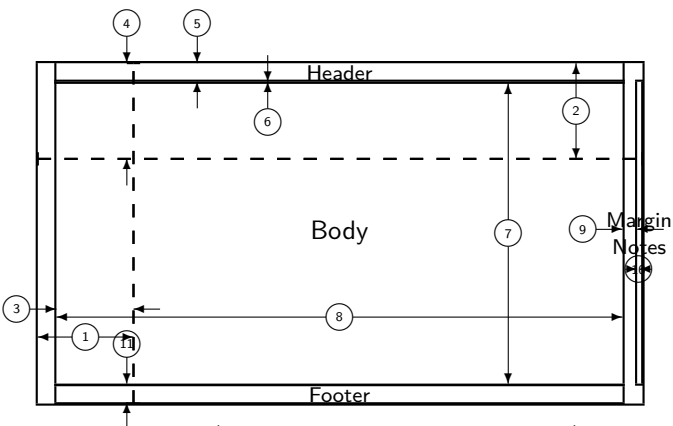
normalsize

large

Large

huge

Huge



- | | | | |
|----|-------------------------------------|----|-----------------------------------------------|
| 1 | one inch + <code>\hoffset</code> | 2 | one inch + <code>\voffset</code> |
| 3 | <code>\oddsidemargin = -58pt</code> | 4 | <code>\topmargin = -72pt</code> |
| 5 | <code>\headheight = 14pt</code> | 6 | <code>\headsep = 0pt</code> |
| 7 | <code>\textheight = 227pt</code> | 8 | <code>\textwidth = 426pt</code> |
| 9 | <code>\marginparsep = 11pt</code> | 10 | <code>\marginparwidth = 3pt</code> |
| 11 | <code>\footskip = 14pt</code> | | <code>\marginparpush = 5pt</code> (not shown) |
| | <code>\hoffset = 0pt</code> | | <code>\voffset = 0pt</code> |
| | <code>\paperwidth = 455pt</code> | | <code>\paperheight = 256pt</code> |

This template comes with convenient latex makefile. Some Features:

- Automatic SVG → PDF conversion
 - For files in images/*.svg
 - Requires inkscape
 - Can be easily extended to other file types
- Automatic bibtexing
- Cleaning mechanism
- Keeps temporary files in tmp/

Usage

Just copy the Makefile to your L^AT_EX working directory and change the value of the SRC variable at its top to your top tex file. Then just type make in a shell in that directory.

If you are using vim and Makefiles you may consider adding this to your vimrc:

- `map <C-M> :!make<CR>`
- incidentally, C-M is also mapped to the return key. So every time you will hit return and are not in edit mode, make will be called.

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Thank you for your attention.

Backup

Frame numbering

Have you noticed that the total page count is not counting past the thank you page? This is automatically included in the ugoe theme!