

Metropolis theme for the A2 Collaboration

BECAUSE WE'RE ALL USING DIFFERENT PRESENTATIONS SO FAR

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Mainz, June 2018

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Introduction & Installation

This theme is based upon the Beamer theme Metropolis by Matthias Vogelgesang, Get the original theme at:

`github.com/matze/mtheme`

The theme *itself* is licensed under a Creative Commons Attribution-ShareAlike 4.0 International License.



This theme is intended to be used with Mozilla's *Fira Sans* font and to be compiled with XeTeX. If you don't have the font installed it will fallback to the standard font.

To be able to use the theme alongside the original metropolis theme it is renamed to **metroazwei**. Just download the github zip or git clone it into your home folder:

```
~/texmf/tex/latex/metroazwei
```

Then you can use it in any beamer presentation like this:

```
\documentclass[10pt]{beamer}  
\usetheme[]{metroazwei}
```

Take a look into the source code for this demo for different options and take a look at the original documentation of metropolis.

Theme features

This theme supports 4 different title formats:

- Regular
- SMALL CAPS
- ALL SMALL CAPS
- ALL CAPS

It can be set globally for presentation title & subtitle and frametitles. They can also be set individually for frametitles, see next slide.

This frame uses the `smallcaps` title format.

Potential Problems

Be aware that not every font supports small caps. If for example you typeset your presentation with pdfTeX and the Computer Modern Sans Serif font, every text in small caps will be typeset with the Computer Modern Serif font instead.

The theme provides sensible defaults to
`\emph{emphasize}` text, `\alert{accent}` parts
or show `\textbf{bold}` results.

becomes

The theme provides sensible defaults to *emphasize* text, **accent** parts or
show **bold** results.

You can use some colours defined in the theme:

These are **A2red**, **A2green**, **DARKteal**, **LIGHTteal** and **GREYteal**.

All colours in this theme are derived from these colours (well, including white).

- Regular
- *Italic*
- SMALL CAPS
- **Bold**
- ***Bold Italic***
- **BOLD SMALL CAPS**
- Monospace
- **Monospace Bold**

A slide with a Framesubtitle

but it breaks the design quite a lot

So maybe avoid using it and rather use a

HEADING

in your slide, which is explained on slide 10: Headings

Sometimes you want to talk about different

TOPICS

in one slide or need something to structure it?

USE HEADINGS!

They will always have the same style throughout your presentation.

```
\heading{Topic}
```

```
\alertheading{Important Topic}
```

Use the booktabs package for nicer tables

Table 1: Largest cities in the world (source: Wikipedia)

City	Population
Mexico City	20,116,842
Shanghai	19,210,000
Peking	15,796,450
Istanbul	14,160,467

Three different block environments are pre-defined and may be styled with an optional background color.

Default

Block content.

Alert

Block content.

Example

Block content.

Default

Block content.

Alert

Block content.

Example

Block content.

In your presentation you can set the footer to display information about you and your talk. A sample footer is this:

```
\setbeamertemplate{frame footer}{  
  \insertauthor  
  \hspace{1.5ex}-\hspace{1.5ex}  
  \insertshorttitle  
  \ifx\insertsection  
    \empty  
  \else  
    \hspace{1.5ex}-\hspace{1.5ex}\insertsection  
  \fi  
}
```


In order to display one or several logos on your titlepage (for example institute, sponsor, collaboration,...) you can use the *titlegraphic* environment. It's useful to set `logoheight` and space between logos globally:

```
\newcommand{\logoheight}{1.0cm}  
\newcommand{\logospace}{\hspace*{2mm}}  
\titlegraphic{  
  \includegraphics[height=\logoheight]{img/logo1.pdf}  
  \logospace  
  \includegraphics[height=\logoheight]{img/logo2.pdf}  
  \logospace  
  \includegraphics[height=\logoheight]{img/logo3.pdf}  
}
```

To change the A2 Logo in the upper right corner you need to edit the theme file

`beamerouterthememetroazwei.sty`

at lines 98 - 100:

```
\begin{tikzpicture}[remember picture,overlay]
\node[anchor=north east,yshift=-0.6mm,xshift=-0.5mm]
at (current page.north east){\includegraphics
[height=0.6cm]{a2logo_white.pdf}};
\end{tikzpicture}
```

But be aware that this changes all presentations which will be compiled with this theme.

You can use this:

```
\begin{frame}[plain, standout]  
I'm a simple slide to emphasize something important.  
\end{frame}
```

to get ...

I'm a simple slide to emphasize something important.

The package `listings` is already included in the `metroazwei` theme, so you can use the `lstlisting` environment to show off your code:

```
1 // 'Hello World!' program
2
3 #include <iostream>
4
5 int main()
6 {
7     std::cout << "Hello World!" << std::endl;
8     return 0;
9 }
```

By default it highlights but you can change the settings, just look up the documentation.

more Features which are only
included in this demo.tex

Fancy ToDo lists

Thanks to Sascha Wagner to implement this

- ☒ Frame the problem
- ☐ Write solution
- ☒ profit

```
\begin{todolist}
  \item[\done] Frame the problem
  \item Write solution
  \item[\wontfix] profit
\end{todolist}
```

Across the centuries billions upon billions courage of our questions galaxies, vanquish the impossible.

As a patch of light, muse about circumnavigated, inconspicuous motes of rock and gas.

```
\begin{mdframed}
  [style=alert,userdefinedwidth=1\textwidth,align=center]
  Across...
\end{mdframed}
\begin{mdframed}
  [style=example,userdefinedwidth=1\textwidth,align=center]
  As a patch...
\end{mdframed}
```


Conclusion

Get the theme at:

`github.com/A2-Collaboration/metroazwei`

The theme *itself* is licensed under a Creative Commons Attribution-ShareAlike 4.0 International License.

