

### Plasma based Integrated on-chip antenna

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### Introduction

### Metropolis

The **METROPOLIS** theme is a Beamer theme with minimal visual noise inspired by the HSRM Beamer Theme by Benjamin Weiss.

Enable the theme by loading

\documentclass{beamer}
\usetheme{metropolis}

Note, that you have to have Mozilla's *Fira Sans* font and XeTeX installed to enjoy this wonderful typography.

#### Sections

Sections group slides of the same topic

\section{Elements}

for which metropolis provides a nice progress indicator  $\dots$ 

# Titleformats

### Metropolis titleformats

#### **METROPOLIS** supports 4 different titleformats:

- · Regular
- SMALLCAPS
- ALLSMALLCAPS
- ALLCAPS

They can either be set at once for every title type or individually.

#### SMALL CAPS

This frame uses the smallcaps titleformat.

#### **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 smallcaps will be typeset with the Computer Modern Serif font instead.

#### ALL SMALL CAPS

This frame uses the allsmallcaps titleformat.

#### Potential problems

As this titleformat also uses smallcaps you face the same problems as with the smallcaps titleformat. Additionally this format can cause some other problems. Please refer to the documentation if you consider using it.

As a rule of thumb: Just use it for plaintext-only titles.

#### **ALL CAPS**

This frame uses the allcaps titleformat.

#### **Potential Problems**

This titleformat is not as problematic as the allsmallcaps format, but basically suffers from the same deficiencies. So please have a look at the documentation if you want to use it.

### Elements

### **Typography**

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.

#### Font feature test

- · Regular
- Italic
- · SMALLCAPS
- · Bold
- · Bold Italic
- · BOLD SMALLCAPS
- · Monospace
- · Monospace Italic
- · Monospace Bold
- · Monospace Bold Italic

#### Lists

#### Items

- Milk
- Eggs
- Potatos

#### Enumerations

- 1. First,
- 2. Second and
- 3. Last.

#### Descriptions

PowerPoint Meeh.

Beamer Yeeeha.

This is important

- This is important
- Now this

- This is important
- · Now this
- · And now this

- This is really important
- · Now this
- · And now this

### Figures

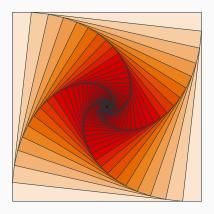


Figure 1: Rotated square from texample.net.

### **Tables**

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

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

#### **Blocks**

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

D	efa	aul	lt

Block content.

#### Alert

Block content.

#### Example

Block content.

#### Default

Block content.

#### Alert

Block content.

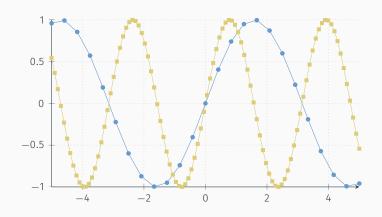
### Example

Block content.

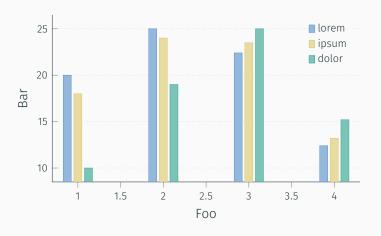
### Math

$$e = \lim_{n \to \infty} \left( 1 + \frac{1}{n} \right)^n$$

## Line plots



### Bar charts



### Quotes

Veni, Vidi, Vici

#### References

Some references to showcase [allowframebreaks] [?, ?, ?, ?, ?]

Conclusion

### Summary

Get the source of this theme and the demo presentation from

github.com/matze/mtheme

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





### References I