# Metropolis

A modern beamer theme

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Center for modern beamer themes

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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 ...

# Title formats

## Metropolis title formats

**metropolis** supports 4 different title formats:

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

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

## Small caps

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.

## all small caps

This frame uses the `allsmallcaps` title format.

**Potential problems**
As this title format also uses small caps you face the same problems as with the `smallcaps` title format. 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.

This frame uses the `allcaps` title format.

**Potential Problems**
This title format 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*
- Small Caps
- **Bold**
- **Bold Italic**
- **Bold Small Caps**
- `Monospace`
- *`Monospace Italic`*
- `Monospace Bold`
- *`Monospace Bold Italic`*

## Lists

| Items | Enumerations | Descriptions |
|---|---|---|
| • Milk | 1. First, | **PowerPoint** Meeh. |
| • Eggs | 2. Second and | **Beamer** Yeeeha. |
| • Potatoes | 3. Last. | |

## Animation

- This is important

# Animation

- This is important
- Now this

## Animation

- This is important
- Now this
- And now this

## Animation

- This is really important
- Now this
- And now this
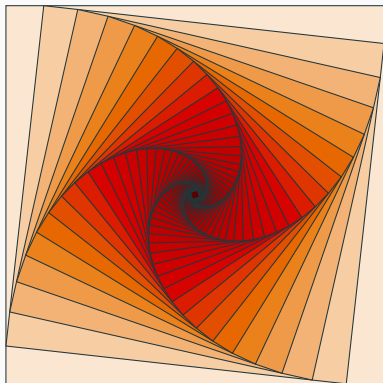
**Figure 1:** Rotated square from texample.net.

## 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 |

# Blocks

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.

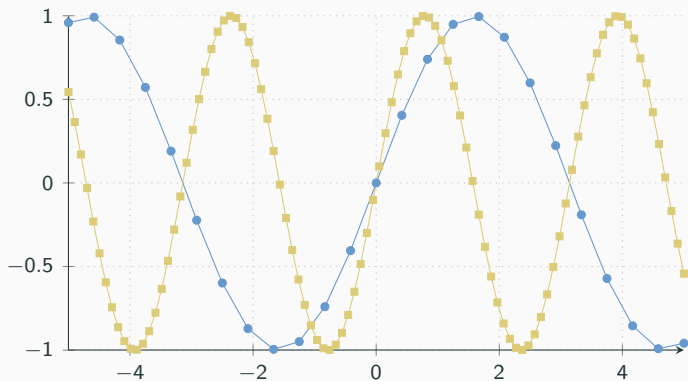| **Default** |
|---|
| Block content. |

| **Alert** |
|---|
| Block content. |

| **Example** |
|---|
| Block content. |

# Math

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

# Line plots

# Bar charts

# Quotes

*Veni, Vidi, Vici*

## Frame footer

**metropolis** defines a custom beamer template to add a text to the footer. It can be set via

`\setbeamertemplate{frame footer}{My custom footer}`

## References

Some references to showcase [allowframebreaks] [4, 2, 5, 1, 3]

# 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.

**Questions?**

## Backup slides

Sometimes, it is useful to add slides at the end of your presentation to refer to during audience questions.

The best way to do this is to include the appendixnumberbeamer package in your preamble and call \appendix before your backup slides.

**metropolis** will automatically turn off slide numbering and progress bars for slides in the appendix.

P. Erdős.
**A selection of problems and results in combinatorics.**
In *Recent trends in combinatorics (Matrahaza, 1995)*, pages 1–6.
Cambridge Univ. Press, Cambridge, 1995.

R. Graham, D. Knuth, and O. Patashnik.
**Concrete mathematics.**
Addison-Wesley, Reading, MA, 1989.

G. D. Greenwade.
**The Comprehensive Tex Archive Network (CTAN).**
*TUGBoat*, 14(3):342–351, 1993.

D. Knuth.
**Two notes on notation.**
*Amer. Math. Monthly*, 99:403–422, 1992.

H. Simpson.
**Proof of the Riemann Hypothesis.**
preprint (2003), available at
http://www.math.drofnats.edu/riemann.ps, 2003.