

J-PAL Beamer Theme

Rebranding comes to \LaTeX !

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Introduction



Motivation

In 2016 J-PAL underwent a rebranding which greatly improves and unifies its identity. Although there is a well designed PowerPoint template accompanying this rebranding, **a LaTeX beamer template is missing.**

LaTeX presentations, under several circumstances, provide serious advantages over PowerPoint. However, LaTeX presentations' aesthetics are very outdated and difficult to customize. This theme aims to solve both issues, providing a **base template which already complies with the new guidelines** and also making it easy to tweak.

Technical specifications and disclaimer

The **J-PAL Theme** theme is a LaTeX Beamer theme with minimal visual noise and designed to comply with J-PAL's latest rebranding guidelines. The theme is based on the *Metropolis* Beamer Theme by Matthias Vogelgesang.

Although it relies on XeLaTeX to compile using custom fonts, the theme can also be used with PDFLaTeX. It also requires a TikZ installation.

Using the theme

- This theme is simply a set of customizations on the `metropolis` beamer theme, which is included in the latest distributions of TeXLive and MiKTeX.
- If `metropolis` is installed, all that must be done is to place `jpaltheme.tex` in the same directory as your document.

Enable the theme by loading

```
\documentclass{beamer}  
\usetheme{metropolis}  
\input{jpaltheme}
```

Guidelines Compliance



Logo

J-PAL's new logo can be easily inserted and positioned in the front page, as showcased in this presentation's first slide.

- Logos or other graphics can be easily included in the title slide using the `titlegraphic` command.
- The logo's width can be set in the `includegraphics` command. Proper spacing is already taken care of.
- More logos can be included by using `includegraphics` several times.

Colors

J-PAL's primary color palette is already implemented in the theme.

- All emphasized elements use J-PAL Red, while some subtler visual elements use J-PAL Teal.
- The J-PAL color palette is fully implemented and its colors' names are as follows:
 - JPALblack
 - JPALred
 - JPALgreen
 - JPALyellow
 - JPALslate
 - JPALteal

Typography

To use proper typography, several issues must be considered:

- In order to choose any system font, documents must be compiled with XeLaTeX.
- Open Sans font is freely available (this document was compiled with it), but recommended for *web* use.
- The official typefaces, Futura and Mrs Eaves, are not available for free and don't come preinstalled in many OSs.
- If installed, this theme defaults to Mozilla's *Fira Sans* fonts, which are also freely available on the web.

If compiling with XeLaTeX, any font can be chosen with the `setsansfont` command in the preamble. See the `fontspec` package for more details.

Elements



Introduction

The following section showcases several usual LaTeX elements and how they are implemented in the **J-PAL Theme**. It is mostly based on the original Demo developed by Matthias Vogelgesang.

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

Test if your loaded typeface has all these variations:

- Regular
- *Italic*
- SmallCaps
- **Bold**
- ***Bold Italic***
- **Bold SmallCaps**
- Monospace
- *Monospace Italic*
- **Monospace Bold**
- ***Monospace Bold Italic***

Lists

Lists are indented for enhanced readability. This is consistent with J-PAL's Brand Guidelines.

Items

- Milk
- Eggs
- Potatos

Enumerations

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

Descriptions

PowerPoint Meeh.
Beamer Yeeeha.

References and footnotes

Footnotes can be easily added.¹ References, on the other hand, follow LaTeX rules and conventions.

¹This is a footnote.

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

Figures

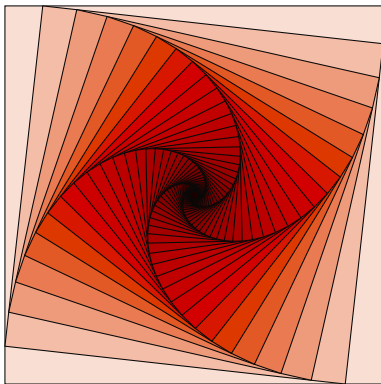


Figure 1: Rotated square from texample.net.

Text and figure side by side

- A perpendicular bisector of a line segment is a line which is perpendicular to this line and passes through its midpoint.
- Figure 2 shows perpendicular bisectors of a triangle.
- Both bisectors meet in the center of the circumcircle of the triangle.

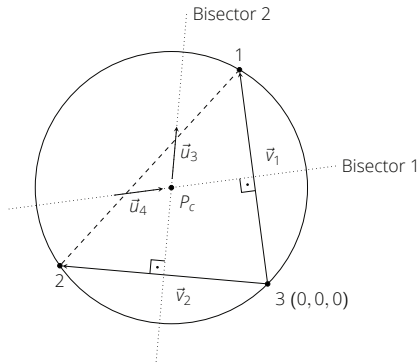


Figure 2: Perpendicular bisectors of a triangle from texample.net.

Tables

Table 1: Largest cities in the world

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

Source: Wikipedia

Blocks

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

Default

Block content.

Default

Block content.

Alert

Block content.

Alert

Block content.

Example

Block content.

Example

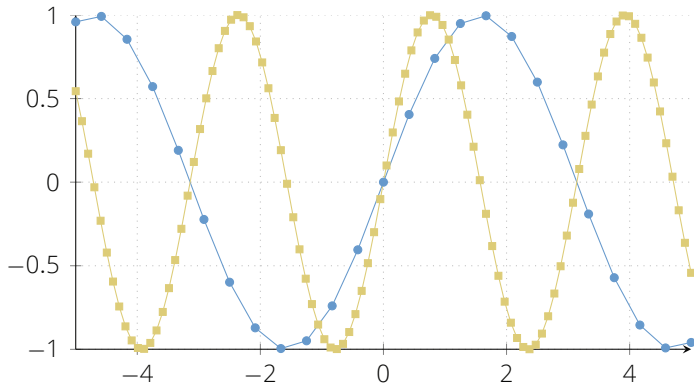
Block content.

Math

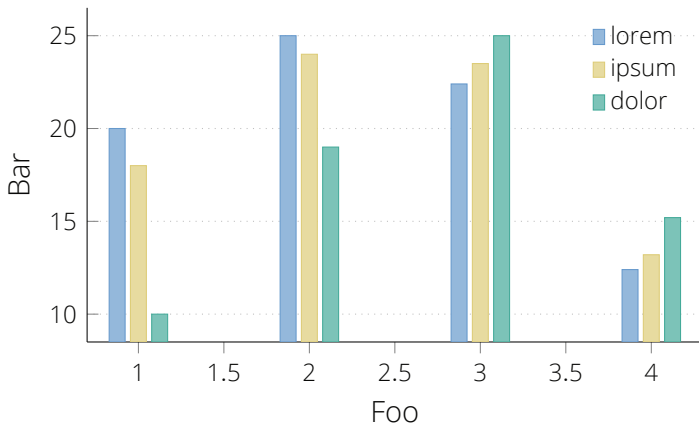
Of course, math typesets beautifully in LaTeX. Check out this elegant equation:

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

Line plots



Bar charts



Quotes

I seek not to know the answers, but to understand the questions.

¡Thank you!

Please email comments or suggestions to

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