

# PolyU Beamer Presentation Theme

Using L<sup>A</sup>T<sub>E</sub>X to prepare slides

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We assume that you can use L<sup>A</sup>T<sub>E</sub>X. If not, you can refer to [this page](#).

[Beamer](#) is one of the most popular and influential document classes for slide-making in L<sup>A</sup>T<sub>E</sub>X. You can find its [full manual here](#).

Here, we will only introduce the basic functionalities so you can master them immediately.



Compared to Microsoft PowerPoint,  $\text{\LaTeX}$  and Beamer provides these advantages:

- Beamer produces a `.pdf` file with no problems on fonts, formulas, or program versions.
- Math typesetting in  $\text{\LaTeX}$  is much easier, e.g.,

$$i \hbar \frac{\partial}{\partial t} \Psi(\mathbf{r}, t) = -\frac{\hbar^2}{2m} \nabla^2 \Psi(\mathbf{r}, t) + V(\mathbf{r}) \Psi(\mathbf{r}, t).$$

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To begin with, just use `beamer` document class with `poly` theme. It should be noted that the `poly.sty` file should be included in the same directory as the `main.tex` file.

## Preamble about the document class

```
1 \documentclass[10pt,aspectratio=169]{beamer}  
2 \usepackage{poly}
```

You can change the `aspectratio` to `43` to adjust the slide aspect ratio to 4:3.



You can change the metadata displayed on the title slide:

## Metadata

```
1 \title{Your Title}  
2 \subtitle{Your Subtitle}  
3 \author{First Author, Second Author}  
4 \institute[COMP]{Department of Computing}  
5 \date{Date}
```

Once settled, you can render the title slide with the command `\maketitle` in the body.



- A typical slide has bulleted points.





- A typical slide has bulleted points.
- These can be uncovered in sequence.



- A typical slide has bulleted points.
- These can be uncovered in sequence.
- When rendered, they will be separated into multiple slides.



Adding images works like in normal L<sup>A</sup>T<sub>E</sub>X:



Figure: A sample of image



Splitting the page is easy and common.

Typically, one side has a picture and the other text:

This is the first column.

You can have some texts here.

And this is the second one.

You can have some  
pictures or tables here.



The priority when choosing a font is readability.

Here, we give some advice:

- Use serif (default) fonts only with high-resolution projectors or monitors.
- Use **sans-serif** fonts otherwise.
- Use *italic* or **bold** fonts to emphasize or highlight points.
- We also provide an **alert** font for emphasise.
- Use **monospace** fonts to display codes.



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# Good Luck!



- If you have corrections or suggestions, please feel free to contact [me](#)!
- You can find this project in [Overleaf Templates](#) by searching polyu.
- You can also find this project on [Github](#)! Stars are welcome!

The screenshot shows the Overleaf website's 'Templates' section. At the top, there's a navigation bar with links for 'Features & Benefits', 'Templates', 'Plans & Pricing', 'Help', 'Projects', and 'Account'. Below this, the 'Templates' heading is followed by a search bar containing the text 'polyu'. To the right of the search bar is a green 'Search' button. Below the search bar, the results are displayed. The first result, 'PolyU Beamer Slides', is highlighted with a red rectangular box. It includes a thumbnail image of a presentation slide, the title 'PolyU Beamer Slides', a description 'A LaTeX Beamer template for presentation slides of The Hong Kong Polytechnic University.', and a row of tags: 'University', 'Presentation', 'Beamer', and 'Hong Kong Polytechnic University'. Below this, the second result 'Inhibition of Bacterial Mutagenesis through Polyubiquitination' is partially visible, showing a thumbnail and the beginning of its description.



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