



# PolyU Beamer Presentation Theme

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

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## ► Introduction

## ► Examples



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, L<sup>A</sup>T<sub>E</sub>X and Beamer provides these advantages:

- Beamer produces a .pdf file with no problems on fonts, formulas, or program versions.
- Math typesetting in L<sup>A</sup>T<sub>E</sub>X is much easier, e.g.,

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



► Introduction

► **Examples**



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.



*Any questions?*