

# Erasmus MC Beamer Theme

modified from Tsinghua Beamer theme

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30 May 2024



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## Feeling cool when using Beamer?

- We all know  $\LaTeX$ , and many institutes have their own themes.

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<https://www.overleaf.com/latex/templates/thu-beamer-theme/vwnqmqmzndvwyb>, ready to use

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<https://www.overleaf.com/latex/templates/thu-beamer-theme/vwnqmqmzndvwyb>, ready to use
- The original GitHub project:  
<https://github.com/Trinkle23897/THU-Beamer-Theme>,  
welcome for issues if there are any bugs or requests.

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- Some from L<sup>A</sup>T<sub>E</sub>X
- Some from Tsinghua University
- This template comes from  
<https://www.latexstudio.net/archives/4051.html>
- But the very first **link** [1] has already expired.
- Some beamers made in 2016-17: [click me](#)

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## Difference from the original THU theme

- one-line circle headbars but not multiple
- Kaishu font for Chinese (suppressed)
- Four years from adaptation so a lot of stuff is forgot
- Can refer to this for more usages of this template:  
<https://www.latexstudio.net/archives/4051.html>
- Listed below are some usage of this Beamer template, some extracted from <https://tuna.moe/event/2018/latex/>

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# Why Beamer

- $\text{\LaTeX}$  Used broadly in academia and journals

Microsoft <sup>®</sup> Word	$\text{\LaTeX}$
Lorem ipsum dolor sit amet	Lorem ipsum dolor sit amet
Lorem ipsum dolor sit amet	Lorem ipsum dolor sit amet
Lorem ipsum dolor	Lorem ipsum

## Layout example

### plain formula

$$J(\theta) = \mathbb{E}_{\pi_\theta}[G_t] = \sum_{s \in \mathcal{S}} d^\pi(s) V^\pi(s) = \sum_{s \in \mathcal{S}} d^\pi(s) \sum_{a \in \mathcal{A}} \pi_\theta(a|s) Q^\pi(s, a)$$

### formula with multiple rows<sup>1</sup>

$$\begin{aligned} Q_{\text{target}} &= r + \gamma Q^\pi(s', \pi_\theta(s')) + \epsilon \\ \epsilon &\sim \text{clip}(\mathcal{N}(0, \sigma), -c, c) \end{aligned} \tag{1}$$

---

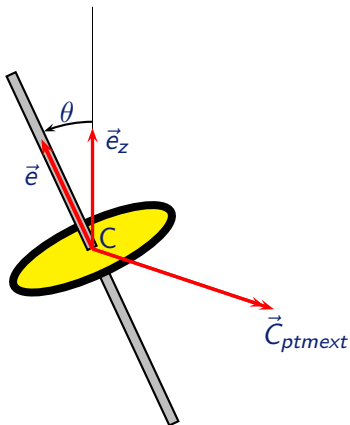
<sup>1</sup>If there are texts in please use `\mathrm{}` or `\text{}` to wrap, or it will look like *clip*, much uglier than clip 



## Numbered multiple row formula

$$\begin{aligned} A &= \lim_{n \rightarrow \infty} \Delta x \left( a^2 + \left( a^2 + 2a\Delta x + (\Delta x)^2 \right) \right. \\ &\quad + \left( a^2 + 2 \cdot 2a\Delta x + 2^2 (\Delta x)^2 \right) \\ &\quad + \left( a^2 + 2 \cdot 3a\Delta x + 3^2 (\Delta x)^2 \right) \\ &\quad + \dots \\ &\quad \left. + \left( a^2 + 2 \cdot (n-1)a\Delta x + (n-1)^2 (\Delta x)^2 \right) \right) \\ &= \frac{1}{3} (b^3 - a^3) \quad (2) \end{aligned}$$

# Figure and columns



# L<sup>A</sup>T<sub>E</sub>X Useful commands

## Commands

<code>\chapter</code>	<code>\section</code>	<code>\subsection</code>	<code>\paragraph</code>
Chapter	Section	Subsection	Para
<code>\centering</code>	<code>\emph</code>	<code>\verb</code>	<code>\url</code>
Centered	Emphasized	Verbatim	URL
<code>\footnote</code>	<code>\item</code>	<code>\caption</code>	<code>\includegraphics</code>
Footnotes	Enumeration item	Captions	Figures
<code>\label</code>	<code>\cite</code>	<code>\ref</code>	
Labels	Citations	Cross-reference	

## Environment

<code>table</code>	<code>figure</code>	<code>equation</code>
Table	Figure	Formulas
<code>itemize</code>	<code>enumerate</code>	<code>description</code>
Free list	Numbered list	Description

# L<sup>A</sup>T<sub>E</sub>X Example for environment commands

```
1 \begin{itemize}
2   \item A \item B
3   \item C
4 \begin{itemize}
5   \item C-1
6 \end{itemize}
7 \end{itemize}
```

- A
- B
- C
  - C-1

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7 \end{itemize}
```

- A
- B
- C
  - C-1

```
1 \begin{enumerate}
2   \item BIG \item BIIIIIG
3   \item Small
4   \begin{itemize}
5     \item[n+e] ???
6   \end{itemize}
7 \end{enumerate}
```

- ① BIG
  - ② BIIIG
  - ③ SMALL
- n+e #####

L<sup>A</sup>T<sub>E</sub>X Formulae

```
1 $V = \frac{4}{3}\pi r^3$
2
3 \[
4   V = \frac{4}{3}\pi r^3
5 \]
6
7 \begin{equation}
8   \label{eq:vsphere}
9   V = \frac{4}{3}\pi r^3
10 \end{equation}
```

$$V = \frac{4}{3}\pi r^3$$

$$V = \frac{4}{3}\pi r^3$$

$$V = \frac{4}{3}\pi r^3 \quad (3)$$

- For more see: [HERE](#)

```
1 \begin{table}[htbp]
2   \caption{Number and meaning}
3   \label{tab:number}
4   \centering
5   \begin{tabular}{cl}
6     \toprule
7     Number & Meaning \\
8     \midrule
9     1 & 4.0 \\
10    2 & 3.7 \\
11    \bottomrule
12  \end{tabular}
13 \end{table}
14 For number and meaning of
15 formula ~(\ref{eq:vsphere})
16 please see
17 Table ~\ref{tab:number}.
```

Table 1: Number and meaning

Number	Meaning
1	4.0
2	3.7

For number and meaning of formula (3) please see Table 1.

# Plotting

- Vector plots eps, ps, pdf
  - METAPOST, pstricks, pgf ...
  - Xfig, Dia, Visio, Inkscape ...
  - Matlab / Excel can be saved as pdf
- Scalar plots png, jpg, tiff ...
  - More resolution needed.
  - Avoided please.



Figure 1: This logo is a vector plot





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# Time schedule

- Jan: Lorem ipsum dolor sit amet
- Feb: Lorem ipsum dolor sit amet
- Mar & Apr: Lorem ipsum dolor sit amet
- May: Lorem ipsum dolor sit amet

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1. unknown. THU Beamer Theme. In: 2015. URL:  
<http://far.toold.cn/post/latex/beamertsinghua>.

*Thanks!*