Introduction to Beamer

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Intermediate LATEX Workshop Series

- Introduction
- Basic Commands Structure Organization Environments Easter Egg!
- Styles
- More Uses

- A document class that creates presentations in LATEX
- The resulting .pdf will always appear the same
 - Easy to use on another computer
 - The content is never jumbled
- It is easy to include mathematics
- It is pretty

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- 3 It takes time to compile

Frames

- Every slide is made using the frame environment
- The title of slide is set by using \frametitle{TITLE}

Example

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\begin{frame}
\frametitle{Frames}
CONTENT
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Note

- It is possible to move back and forth between single and multiple columns
- The positioning of columns can be specified

Blocks

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Types

Some predefined blocks are definition, theorem, proof, example.

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- pause: content between pauses appears when the slide advances
- (un)cover
- (in)visible
- only

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- pause
- (un)cover: the content is transparent except for the specified frames
- (in)visible
- only

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- pause
- (un)cover
- (in)visible: the content is always "present" but only (in)visible where specified
- only

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- pause
- (un)cover
- (in)visible
- only: the content is only "present" on the specified frames

As with any presentation software, effects can be added to a Beamer presentation

What are the options?

- pause
- (un)cover
- (in)visible
- only

- Font effects (bold, emphasis, etc.)
- Colors
- "Alerts"
- List environments
- Entries of a table
- Lines of an equation

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Material does not have to appear linearly

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Customization

Question

How much control over the style do I have? I want SUCH AND SUCH, but I have moral objections to THE OTHER THING.

- Create your own
- Use someone else's template
 - https://www.overleaf.com/gallery/tagged/presentation
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