Long Title

Subtitle

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The Good

- **LOTS** of screen space on each slide.
- Vector graphics: scales to any screen size.
- Has a reasonably well integrated color scheme.
- Navigation bar can be micro-managed.
- Some options: navigation bar and block environment.

The Bad

Kind of fiddly.

- Small template changes (font, text size, different spacings, etc.) may break entire theme.
- "Bad box" exceptions when compiling are possible.

Requires non-standard inputs.

- Empty subsections (or non-empty, if you prefer) required after each section change for minipages to appear in navigation bar.
- Need to format the "institute" in a non-standard way.
- Need to put main author's name in institute section.

Title, Author, Date

Use the annotated TeX file to learn the necessary inputs prior to the first slide, like:

- The name to appear in the header.
- The title to appear in the header.
- The information to appear on the title slide.

Options

There are three options in the theme:

1. navbar (set to true in these slides)
   - Setting to true displays navigation bar in the footline.
   - Setting to false hides navigation bar in the footline.

2. colorblocks (set to true in these slides)
   - Setting to true makes block (and theorem) environment appear as colored box.
   - Setting to false makes block (and theorem) environment very plain.

3. pagenumber (set to true in these slides)
   - Setting to true displays page numbers in the footline.
   - Setting to false hides page numbers in the footline.

Table of Contents

Table of contents slides are nice.

- Learn to use them: page 100 in Beamer manual.
- You probably don't want to display subsections.

① Good and Bad

② Using Theme

③ Navigation Bar

④ Dummy Section

⑤ Special Text

⑥ Colors

Sections, Subsections, and Parts

The navigation bar is small. This may force you to use parts!

- Learn to use them: page 98 in Beamer manual.
- Sections in different parts don't display in the same navigation bar. This eliminates crowded navigation bars.
- If you have many sections split them into multiple parts.
- If you have many slides split them into multiple parts.

Navigation Bar

- You can turn off the navigation bar via the navbar option.

If you want just sections in the navigation bar:
- Create sections.
- Don't create subsections.

If you want sections and a dot underneath for each slide:
- Create sections.
- If you want a slide to appear as a dot put it in a subsection.
- You can make empty subsections with \subsection{}.

Dummy Slide

This slide does not appear as a dot in the navigation bar
because it is not in a subsection.

Blocks

Blocks

are grayish blue. Itemize and enumerate items are unchanged in blocks (and theorems).

- Item color.

1. Enumerate color.

Special Text

Alerted Blocks

and alerted text are Cornell red. Itemize and enumerate items change color in alerted blocks.

- Item color.

1. Enumerate color.

Example Blocks

and example text are grayish green. Who cares anyway, no one uses these. Itemize and enumerate items change color in example blocks.

- Item color.

1. Enumerate color.

Beamer Colors

There are a few Beamer colors that can be tampered with. The code for changing them is in the preamble of this TeX file.

- structure: controls misc. elements, like colors in toc pages and itemize elements.
- palette secondary: controls colors in footline.
- palette tertiary: controls colors in headline.
- palette quaternary: controls colors in slide titles.
- high stripe: controls color of stripe under slide titles.

There is one non-beamer color of interest:

- block color: controls colors in regular blocks.

Color Definitions

There are many custom colors used in this template. Each of them is a prefixed with a "c" for cornell.

- **cred**: RGB 179,27,27
- **cblue**: RGB 79,111,138
- **cgray**: RGB 104,100,91
- **cgreen**: RGB 30,119,72

There are other colors that are defined and unused:

- **cpurple**: RGB 128,66,128
- **cyellow**: RGB 212,170,0
- **corange**: RGB 206,102,0

Using only these in accompanying images will keep everything looking uniform.

Future Work

There are two somewhat complicated things to implement:

- Change the style of the block environment
- Create a TOC for parts similar to the one that exists for sections

There is also some easier but time consuming stuff to implement:

- Make logos Tikz drawings and embed them in the style file
- Include an option to put the Cornell logo in the top corner on every slide. Currently available in the style file by uncommenting
- An option to make each subsection appear as a dot in the navbar instead of each page. Currently available in the style file by uncommenting