Torino, a pretty theme for LATEX Beamer

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What is this?

- Beamer is a LaTeX class that allows you to create presentations
- The project home page is http://latex-beamer.sourceforge.net/
- Beamer contains several themes, but they are a bit ugly
  □ But with a lot of useful features, such as navigation bars, outlines, etc.
- Torino is a pretty theme
  □ With a lot of useless – but pretty – features
  □ But without some useful features
  □ Well suited for short talks, for longer talks you should use themes with navigation bars
- Why the name?
  □ Other themes are named after locations of Universities or conferences
  □ Torino (Turin) is the location of Politecnico di Torino, my university

How to use the theme

- Install Beamer
  - Some distros have a `latex-beamer` package
- Read the Beamer documentation
  - `/usr/share/doc/latex-beamer/beameruserguide.pdf.gz` if you are using Debian
  - `doc/beameruserguide.pdf` in the source package
- Install the theme
  - `mkdir -p ~/texmf/tex/latex/beamer`
  - `cp *.sty ~/texmf/tex/latex/beamer`
- Read the example files
  - `chameleon.tex`: green theme, watermark and circles for bullet lists
  - `nouvelle.tex`: green and red theme, watermark and squares for bullet lists
  - `freewilly.tex`: blue theme, a logo and squares for bullet lists

Theme files

- Themes are composed by sub-themes for single features
- Inner themes define how the title page, the bullet lists, margins, etc. work
  - □ `beamerinnerthemefancy.sty`
- Outer themes define how headers and footers look like
  - □ `beamerouterthemedecolines.sty`
- Color themes define the colors to be used in outer and inner themes
  - □ `beamercolorthemechameleon.sty`: green footers and headers
  - □ `beamercolorthemenouvelle.sty`: green footers, red headers and and frame title
  - □ `beamercolorthemefreewilly.sty`: blue footers, headers and frame title
- Global themes just include inner, outer and color themes
  - □ `beamerthemeTorino.sty`

Configuring the theme

- Beamer themes can be configured with options between [and]
  - □ \usetheme[option1 = value, option2 = value]{Torino}
- If you do not specify any option, you get
  - □ Simple title page
  - □ No watermark or logo
  - □ Chameleon (green) color theme
  - □ Squares for bullet lists
- Color themes can be changed with \usecolortheme
  - □ \usecolortheme{nouvelle}: green and red
  - □ \usecolortheme{freewilly}: blue
- A logo, shown in the upper right corner, can be choosen with the \logo command
  - □ \logo{\includegraphics[height=50px]{logo-image}}
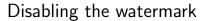
Alternative title page

- A fancy title page can be enabled with the
  alternativetitlepage option
- You can put a logo in the title page, just pass the file name using
  the titlepagelogo option
- Remember to use a plain and top-aligned frame when using
  alternative title pages:

```
\begin{frame}[t,plain]
\titlepage
\end{frame}
```

Watermark

- A watermark can be shown in the bottom right corner of frames
- Use the `watermark` option to set name of the image file
- The `watermarkheight` option specifies the height of the watermark image
- It's a good idea to have a big image and shrink it, so it looks good when the slide is full screen
- If the image height in the slide is not the same as the original one, you have to use the `watermarkheightmult` option
  - For example, if the image is 400 pixel tall but you want it to occupy only 100 pixels, use
    `[watermarkheight=100px, watermarkheightmult=4]`
  - It's ugly but I don't know how to fix it

Disabling the watermark

- You may want to disable the watermark on some frames
  - For example, an image could partially cover the watermark, with ugly results
- The \watermarkoff command can be used to disable the watermark in the following frames
- The \watermarkon command restores the watermark in the following frames
- If you did not specify a watermark, nothing happens

- \watermarkoff was used for this frame

Other options

- The `pageofpages` option defines the string between the current page number and the total page count
  - □ The default is "/"
  - □ The example files set `pageofpages` to "of"
- The `bullet` option can be used to choose the symbol used in bullet lists
  - □ `square`: A filled square (■) for first and third level items, an empty square (□) for second level items
  - □ `circle`: A filled circle (●) for first and third level items, an empty circle (○) for second level items
  - □ The default value is `square`
- If the `titleline` option is set to `true`, a horizontal line is drawn below the title