

DTU Beamer Template

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$$f(x+\Delta x) = \sum_{i=0}^{\infty} \frac{(\Delta x)^i}{i!} f^{(i)}(x)$$

Mathematical symbols and equations:

- Θ
- \int_a^b
- Ω
- δ
- $e^{i\pi} = -1$
- λ
- Σ
- \approx
- ∞
- χ^2
- $\{2.7182818284\}$
- \circ
- \gg
- $,$
- $!$

DTU Electrical Engineering
Department of Electrical Engineering

Outline

- **User Guide**

- Installation
- Package Options
- Date Format

- **Demonstration**

- Lists
- Blocks
- Tables
- Plots
- Frame Numbers

- **Final Remarks**

- Fonts

Linux

- Unzip the bundle to `~/texmf/`.

iOS (Mac)

- Unzip the bundle to `~/Library/texmf/`.

Windows

- Unzip the bundle to any location.
- Open MiKTeX settings.
- Add location to root folders.
- Refresh FNDB.

Package Options I

[department=]

- aqua DTU Aqua
- byg DTU Civil Engineering
- compute DTU Compute
- elektro DTU Electrical Engineering
- energikonvertering DTU Energy Conversion
- fotonik DTU Fotonik
- fysik DTU Physics
- food DTU Food
- kemi DTU Chemistry
- kemiteknik DTU Chemical Engineering

[department=]

- management DTU Management Engineering
- mekanik DTU Mechanical Engineering
- miljo DTU Environment Engineering
- nanotek DTU Nanotech
- space DTU Space
- systembiologi DTU Systems Biology
- transport DTU Transport
- vaterinaerinstituttet DTU Vet
- vindenergi DTU Wind Energy

[showsection=]

- false Remove section from above frame title
- true (default) Display section above frame title

Default Date Format

[Numeric]Day. [Numeric]Month. [Numeric]Year

Customize Date Format

Place the following code snippet in the preamble:

```
\newdateformat{myDateFormat}{\THEDAY-\THEMONTH-\THEYEAR}  
\renewcommand{\DTUDateFormat}{\myDateFormat}
```

Demonstration Lists



- Notice
- the
- red
- bullet

- ① Wow
- ② numbered
- ③ list

Cool block

Get nice visual effects by organizing content into **blocks**. Title background color matches the red from DTU logo.

Framed blocks

Use the `tcolorbox` package to get a calm and customizable block.

Custom block

The package has many options to change the appearance of the blocks.

Demonstration Tables

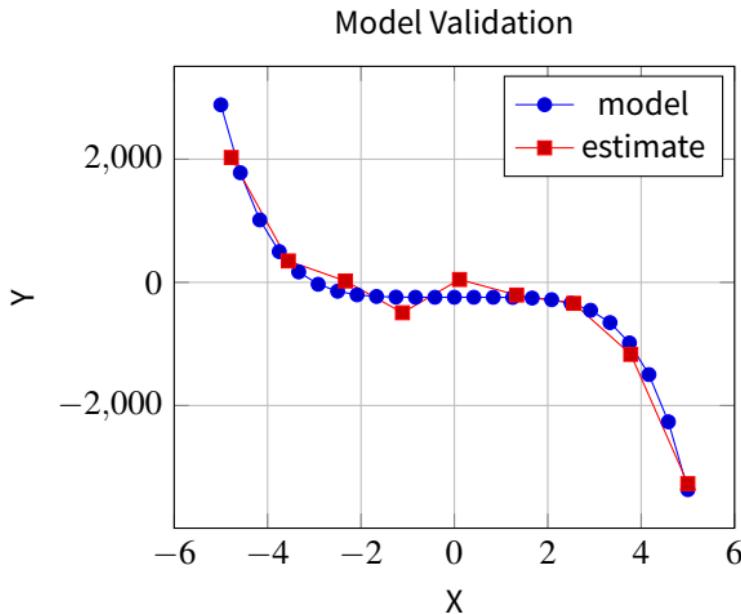


Table: Not a regular table. Content is aligned with respect to the decimal symbol.

Some Values
2.3456
34.2345
-6.7835
90.473
5642.5
1.2×10^3
10^4

Demonstration Plots

Stunt your colleagues with amazing plots (pgfplots).



Frame number instead of page number

- Watch the frame number.
- It doesn't change!

Frame number instead of page number

- Watch the frame number.
- It doesn't change!

Demonstration

Hello Blackness

Technical University of Denmark



Here is another frame style!

- You can set whatever font you like in the preamble. E.g.:
 - \usepackage{lmodern} % Latin Modern
 - \usepackage{helvet} % Helvetica
 - \usepackage{verdana} % Verdana
 - \usepackage{newtx, newtxmath} % Times (text and math)
- DTU recommends Verdana but this font type is not available by default on all operating systems:
 - **Windows:** include the verdana package in the preamble and MiKTeX will do the rest. Remember to set the \usepackage [nofligs] {verdana} option due to missing ligatures in new versions of Microsoft's Verdana font.
 - **Linux and OS X:** before including the verdana package in your preamble, run the `install_fonts.sh` script from our package. The old versions of Verdana include more ligatures and no special option has to be set.

Your Name

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File bugs and feature requests at
<http://gitlab.cc.dtu.dk/latex/dtutemplates/issues>

v1.12

- Frame number instead of page number.

v1.11

- Long titles are displayed correctly in the footer;
- Department logos have the correct RGB color;
- The aspect ratio of the slides can be changed using beamer options.

v1.1

- Fonts options;
- Poster template;
- Frame backgrounds;
- Black frames with white logo;
- Address boxes.

v1.03

- New logos for vindenergi and kemiteknik.

v1.02

- Date format is now customizable.

v1.01

- `dtuletter` template included;
- Package name changed to `dtutemplates`.