A LaTeX template for LTU research presentations

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About this document

This document serves two purposes

1. Provide an example of how to use the package to prepare slides using LaTeX.

2. Explain the features of the package as well as a brief revision history (as it is updated).

The current version of the package (including this document) is: **1.1**.

How to install

This package requires that you already have the *Prosper* package installed. This is included in most LaTeX distributions.

If you do not have *Prosper* you can find it at:
`http://prosper.sourceforge.net/`

To add this package to your Prosper installation:

- In the zip-file, there is a folder named `contrib` and a sub-folder named `img`.

- Copy this folder (including files and sub-folders) to the `contrib` folder of your Prosper installation.

- Refresh the filename database of your LaTeX installation.

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How to install (cont'd...)

Verifying your installation

- Open the source file of this document (`LTU2006_example.tex`) in your LaTeX editor.

- Compile with LaTeX. This package DOES NOT WORK with the pdfLaTeX compiler.

- Run DVI->PS to generate a PostScript file.

- If you have Acrobat Distiller, use this to convert the PostScript file to a PDF.

- If you do not have Acrobat Distiller, remove the "Distiller" class option from the document and compile as above, followed by the ps2pdf command.

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What's in the package?

- This package contains English and Swedish templates for LaTeX slide preparation.

- Each research area has its own template. In addition to this, there is a generic template (used to write this document).
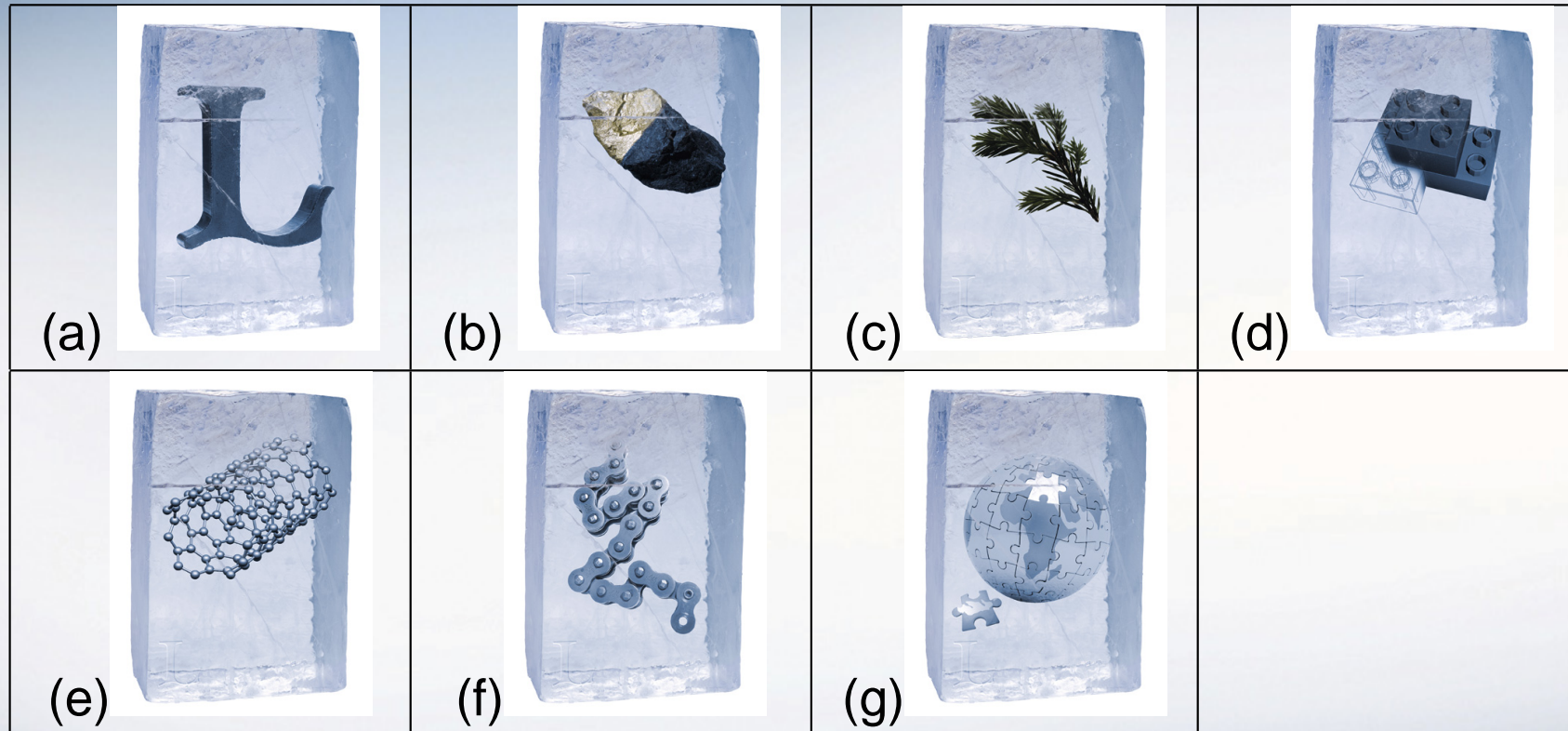
In the source file of this document, there are different document class declarations depending on which template you wish to use. Select one, and comment the others. See this document for an example.

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Included templates

The supported templates are (see next slide for images):

(a) Generic, with the L only (`LTU2006_Generic,`
`LTU2006_Generic_sv`).

(b) Mining engineering and metallurgy (`LTU2006_GM,`
`LTU2006_GM_sv`).

(c) Sustainable use of resources (`LTU2006_HR, LTU2006_HR_sv`).

(d) Customer-oriented construction engineering (`LTU2006_KB,`
`LTU2006_KB_sv`).

(e) Materials engineering (`LTU2006_MV, LTU2006_MV_sv`).

(f) Process IT (`LTU2006_PrIT, LTU2006_PrIT_sv`).

(g) Product development (`LTU2006_PU, LTU2006_PU_sv`).

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Included templates (cont'd...)

(a)

(b)

(c)

(d)

(e)

(f)

(g)

Example slides

- There are two backgrounds to choose from in this package. The default is the one you see on this slide.

- The last slide of this presentation shows the other background. To use this, type `\iceblockslide` before the `\begin{slide}` command.

- This will change the background of all slides following the command. To switch back to the default background, type `\normalslide` before the next `\begin{slide}` command.

- The next slide is an example of how this works.

Example of the
`\iceblockslide`

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Example slides (cont'd...)

Pausing bullet lists is really easy with `\overlays` and the `itemstep` environment

- Bullet item 1/3

Example slides (cont'd...)

Pausing bullet lists is really easy with `\overlays` and the `itemstep` environment

- Bullet item 1/3
- Bullet item 2/3

Example slides (cont'd...)

Pausing bullet lists is really easy with `\overlays` and the `itemstep` environment

- Bullet item 1/3
- Bullet item 2/3
- Bullet item 3/3

Example slides (cont'd...)

The Prosper package supports something called `\overlays`, which enables us to pause bullet list in even more advanced ways.

To see an example, press any key to proceed to the next step:

Example slides (cont'd...)

The Prosper package supports something called `\overlays`, which enables us to pause bullet list in even more advanced ways.

To see an example, press any key to proceed to the next step:

- Bullet item 1/3

Example slides (cont'd...)

The Prosper package supports something called `\overlays`, which enables us to pause bullet list in even more advanced ways.

To see an example, press any key to proceed to the next step:

- Bullet item 2/3

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Example slides (cont'd...)

The Prosper package supports something called `\overlays`, which enables us to pause bullet list in even more advanced ways.

To see an example, press any key to proceed to the next step:

- Bullet item 3/3

...done! Now move on to the next slide.

Revision history

- Current version is: 1.1, released December 11, 2006.

- Version 1.1: Mainly code cleanup. All style information is now in `LTU2006_main.tex`. The other files simply set some options and then include this file.

Support and bug reports

- This package is provided free of charge. You may copy, distribute or modify as you see fit.

- I welcome bug reports and suggestions about improvements, and I will update occasionally. However, no support will be given on any modified versions of the package.

- Send any comments or bug reports to `Johan.Carlson@ltu.se`

References and further reading

About the Prosper package

- `http://www.nefkom.net/georg.drenkhahn/prosper/`
- `http://prosper.sourceforge.net/`

General LATEX information

- M. Goossens, F. Mittelbach, and A. Samarin, *The LATEX companion*, Addison-Wesley, 1994, ISBN: 0201541998.

- L. Lamport, *LATEX, A Document Preparation System: User's Guide And Reference Manual*, Pearson Professional Education, 1994.

Enjoy, and good luck!

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