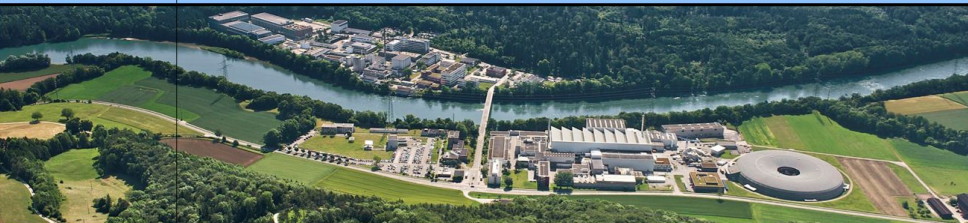


PAUL SCHERRER INSTITUT



Wir schaffen Wissen – heute für morgen

Paul Scherrer Institut
Derek Feichtinger

- 1** Introduction
- 2** A collection of example pages
- 3** Multiple Columns
- 4** Conclusions
- 5** Appendix



Org mode version information

```
Emacs version: GNU Emacs 24.3.1 (i686-pc-linux-gnu, GTK+ Ver  
  of 2014-02-22 on chindi10, modified by Debian  
org version: 8.2.5h
```

- This is based on an the Worg hosted example by Eric S. Fraga and on the beamer reference card by Fabrice Niessen on GitHub.
- The H:2 setting in the options line is important for setting the Beamer frame level. Headlines will become frames when their level is equal to `org-beamer-frame-level`.
- nice link: beamer theme matrix
- nice example on beamer features (pure Latex)
- `http://www2.informatik.hu-berlin.de/~mischulz/beamer.html`

A simple slide

This slide consists of some text with a number of bullet points:

- the first, very **important**, point!
- the previous point shows the use of the special markup which translates to the Beamer specific *alert* command for highlighting text.

The above list could be numbered or any other type of list and may include sub-lists.

A more complex slide

This slide illustrates the use of Beamer blocks. The following text, with its own headline, is displayed in a block:

Theorem (Org mode increases productivity)

- *org mode means not having to remember \LaTeX commands.*
- *it is based on ascii text which is inherently portable.*
- *Emacs!*



a block

```
\begin{block}{A block}  
...  
\end{block}
```

an alert block

```
\begin{alertblock}{An alert block}  
...  
\end{alertblock}
```

an example block

```
\begin{exampleblock}{An alert block}  
...  
\end{exampleblock}
```

This does not work

```
\begin{beamercolorbox}[shadow=true, rounded=true]{eecks}  
...  
\end{beamercolorbox}
```


A `fullframe` is a frame with an ignored title. `frametitle` is set to the empty string

- A headline with an `ignoreheading` environment will only have its contents inserted in the output. The heading text itself is ignored.
- Contents is not inserted in any `frame` environment.
- This special value is useful to have data between frames, or to properly close a `column` environment.



- For highlighting text.
- To help the audience see the structure of your presentation.
- **TODO:** Currently I see no effect on the text style when using structureenv
- might need to use `ignoreheading` (like here) in order to then insert some more normal text after the structureenv.



definition environment

Definition (definition)

Contents of the definition

proof.

- Suppose p were the largest prime number.
- Let q be the product of the first p numbers.
- Then $q + 1$ is not divisible by any of them.
- But $q + 1$ is greater than 1 , thus divisible by some prime number not in the first p numbers. □

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Two columns

A left block

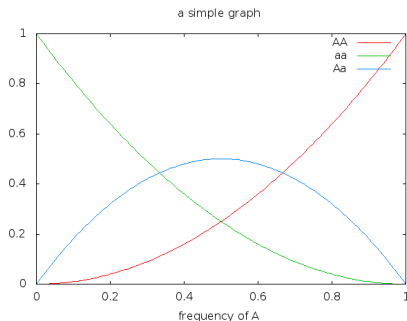
- this slide consists of two columns
- This is the first column

A right block

- this is the right column

Two columns

- this slide consists of two columns
- the first (left) column has no heading and consists of text
- the second (right) column has an image and is enclosed in an **example** block



Octave code

```
A = [1 2 ; 3 4]
b = [1; 1];
x = A\b
```

The output

A =

1	2
3	4

x =

-1
1

- org is an incredible tool for time management
- @but@ it is also excellent for writing and for preparing presentations
- Beamer is a very powerful \LaTeX package for presentations
- the combination is unbeatable!

Some details

These details are not part of the main talk.