



THIS IS THE NORMAL LENGTH OF A RESEARCH PAPER: ALWAYS  
LONGER THAN YOU WOULD EXPECT

KAI NORMAN CLASEN    INSITUTE NAME



## Outline

1. Aspect ratio
2. vfilleditems
3. Fonts
4. Logos
5. Citations



## Aspect ratio

This pdf uses a 16:9 aspect ratio. To utilize this version, simply use:

```
\documentclass[aspectratio=169]{beamer}
```

The default is a 4:3 aspect ratio.

```
\documentclass{beamer}
```



## Using vfilleditems

Use the provided `\vffilleditems` environment to create nicely spaced bullet points.

```
\begin{vffilleditems}
  \item In my opinion, I like it to have my bullet points
  \item evenly spaced from one another
  \item then few bullet points, are not crammed on
  the upper part of the slide
\end{vffilleditems}
```



## Using vfilleditems

- In my opinion, I like it to have my bullet points
- evenly spaced from one another
- then few bullet points, are not crammed on the upper part of the slide



## Example of the maximum number of bullet points before getting a warning

- This also
- shows the
- use of a
- too
- long
- title
- in
- the
- header
- The logo stays in the same position
- and the text is moved upwards to fit.



## Fonts

Fonts:

This is small

This is normal size

This is large

Per default the *helvet* Font Package is used, as I find it easier to read for presentations.



## Text to review the font

Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd





## Dark mode

I've included a simple way to use a dark mode color theme. To use the dark color mode, provide the `darkmode` option.

```
\usetheme[darkmode]{pureminimalistic}
```

Sometimes, the logos have to be changed to look nice on a dark background. For now, I am simply loading different files if `darkmode` is used.



## Logos

I've tried to come up with an easy to use interface on how a user could modify the logos parameters from the main document directly but I couldn't come up with a robust solution (if you know how, please open an issue)

So for now, the way to change the parameters passed to `includegraphics` is to directly change them in the `beamerouterthemepureminimalist`-file.



## Show max slide numbers

In this presentation, I used the option to show the maximum number of slides. To activate it one has to activate it with:

```
\usetheme[showmaxslides]{pureminimalistic}
```

Usually, I prefer to not show the maximum number of slides, as the people tend to lose focus if they know the last few slides are shown.



## Citations

I've also changed the bibliography options to be minimalistic:  
Just showing a simple `\cite [1]`



## Sources I

- [1] Alex Krizhevsky et al. “ImageNet Classification with Deep Convolutional Neural Networks”. In: *Advances in Neural Information Processing Systems* 25. Curran Associates, Inc., 2012, pp. 1097–1105.

# Backup Slides



## What happened to the page numbering?

- I've used the `appendixnumberbeamer` package, which resets the frame counting after calling `\appendix`
- Depending on the used pdf viewer, the total count of frames shouldn't include the backup slides and won't demotivate the audience.
- Usually, I would use a `plain` frame for the backup slides.