



# The AAU Poster Theme

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## Introduction

- ▶ Posters are often used at conferences for presenting exciting new research results.
- ▶ So far no official AAU poster theme is available to the researchers and students at Aalborg University (AAU).
- ▶ The present theme changes this.
- ▶ The theme is a particular configuration of the `baposter` poster template [?] which you can find here <http://www.brian-amberg.de/uni/poster/> and must have installed in order to use the AAU poster theme.

## Usage

- ▶ To use the AAU poster theme, place the `aauposter.tex` file in your preferred folder and modify the file to your needs.
- ▶ You can read more about how you can modify the theme in the documentation for the `baposter` template which you can find here <http://www.brian-amberg.de/uni/poster/>.

## Lists

Itemize

- ▶ item 1
  - ▶ subitem 1
    - ★ subsubitem 1
      - subsubsubitem 1
      - subsubsubitem 2
    - ★ subsubitem 2
  - ▶ subitem 2
- ▶ item 2

Enumerate

1. item 1
  - (a) subitem 1
    - i. subsubitem 1
      - A. subsubsubitem 1
      - B. subsubsubitem 2
    - ii. subsubitem 2
  - (b) subitem 2
2. item 2

Description

- desc 1 item 1
- desc 1 subitem 1
  - desc 1 subsubitem 1
    - desc 1 subsubsubitem 1
    - desc 2 subsubsubitem 2
  - desc 2 subsubitem 2
  - desc 2 subitem 2
- desc 2 item 2

## Equations

Here is an example of an equation

$$f_X(x|\mu, \sigma^2) = \frac{1}{\sqrt{2\pi\sigma^2}} \exp \left\{ \frac{1}{2\sigma^2} (x - \mu)^2 \right\} \quad (1)$$

## Installation

You can either make a local or a global installation of the `baposter` poster template [?].  
Local: Place the `baposter.cls` file in the same folder as the poster file `aauposter.tex`  
Global: Place the `baposter.cls` file in your local latex-directory tree. This is by default `<somewhere>/textmf/tex/latex/baposter` where `<somewhere>` is  
GNU/Linux: `/home/<username>`  
Windows XP: `c:\Document and Settings\<username>`  
Windows Vista+: `c:\Users\<username>`  
Mac OSX `/home/<username>/Library`  
On GNU/Linux and Windows, you have to update the filename database after placing `baposter.cls` in the correct folder. This is done by  
GNU/Linux: `$ texhash ~/textmf`  
Windows with MiKTeX Open the MiKTeX Settings dialog and click 'Refresh FNDB'.  
Windows with TeX Live Open the TeX Live Manager dialog and select 'Update filename database' under 'Actions'.

## Figures and Tables

You cannot use floats in the `baposter` template. However, you can use figure captions by using `\captionof` instead of `\caption`. This is demonstrated in Fig. ?? . Moreover, you can also use `\label` and `\ref` to make references to your figures and/or tables.



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Fig. 1: Here is a figure caption

As you can see, the text background is not white. If your figures do not have a transparent background, this may look too ugly for you. You can of course change the background colour through the `boxColorOne` option. Alternatively, you can make the background transparent. In Matlab, the following example demonstrates how this is done

```
f1 = figure(1);  
set(f1,'Color','none');  
You can also use pgfplots [?] for plotting your Matlab data. This is not that hard and the resulting plots are much nicer than Matlab plots, so I will strongly recommend that you have a look at pgfplots right here http://sourceforge.net/projects/pgfplots/.
```

header 1	header 2	header 3
data (1,1)	data (1,2)	data (1,3)
data (2,1)	data (2,2)	data (2,3)
data (3,1)	data (3,2)	data (3,3)

Table 1: A very simple table with booktabs

## Known Problems

- ▶ The `math matrix` environment `\begin{matrix} ... \end{matrix}` causes an error. I do not know why. Use the `array` environment until the problem is resolved.
- ▶ The current version of MikTeX does not include the `sfmath` package. If you are a MikTeX user, please use another font or download the `sfmath.sty` file from ctan [?] and place the file in the same folder as the poster file `aauposter.tex`.

## Feedback

- ▶ The AAU poster theme has been tested with `baposter` v. 2.0, and it can be downloaded from my Github-site [?].
- ▶ If you find a bug in the AAU theme (and not in the `baposter` template), please do not hesitate to contact me. There is a FAQ at the `baposter` website [?], if you should have any problems with it.

## References

- [1] Brian Amberg: *LaTeX Poster Template*, <http://www.brian-amberg.de/uni/poster/>
- [2] Christian Feuersänger: *PGFPlots - A LaTeX Package to create normal/logarithmic plots in two and three dimensions*, <http://pgfplots.sourceforge.net/>
- [3] Jesper Kjær Nielsen: *Official AAU Beamer Theme, Poster Theme, and Report Template*, <http://github.com/jkjaer/aauLatexTemplates>
- [4] The CTAN Team *sfmath - Sans-serif mathematics*, <http://ctan.org/pkg/sfmath>