

## 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 xebaposter poster template [1] which you can find here <https://ctan.org/tex-archive/graphics/pgf/contrib/xeaposter> and must have installed in order to use the AAU poster theme. xebaposter is a fork of the baposter class [2].

## 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 xebaposter template which you can find here <https://ctan.org/tex-archive/graphics/pgf/contrib/xeaposter>.

## 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
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    - (b) subitem 2
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### Description

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- desc 1 subitem 1
- desc 1 subsubitem 1
- desc 1 subsubsubitem 1
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- 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 xebaposter poster template [1].  
Local: Place the xebaposter.cls file in the same folder as the poster file aauposter.tex  
Global: Place the xebaposter.cls file in your local latex-directory tree. This is by default `<somewhere>/textmf/tex/latex/xeaposter` 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 xebaposter.cls in the correct folder. This is done by  
GNU/Linux: `$ texhash ~/texmf`  
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 xebaposter template. However, you can use figure captions by using `\captionof` instead of `\caption`. This is demonstrated in Fig. 1. 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 [3] 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 `sfnath` package. If you are a MikTeX user, please use another font or download the `sfnath.sty` file from ctan [5] and place the file in the same folder as the poster file aauposter.tex.

## Feedback

- ▶ The AAU poster theme has been tested with xebaposter v. 2.51, and it can be downloaded from my Github-site [4].
- ▶ If you find a bug in the AAU theme (and not in the xebaposter template), please do not hesitate to contact me. There is a FAQ at the baposter website [2], if you should have any problems with it. Please report bugs for xebaposter at [1].

## References

- [1] Seiiid-Mohammad-Javad Razvian: *xeaposter – Create beautiful scientific Persian/Latin posters using TikZ*, <https://github.com/javadr/xeaposter>
- [2] Brian Amberg: *LaTeX Poster Template*, <http://www.brian-amberg.de/uni/poster/>
- [3] Christian Feuersänger: *PGFPlots - A LaTeX Package to create normal/logarithmic plots in two and three dimensions*, <http://pgfplots.sourceforge.net/>
- [4] Jesper Kjær Nielsen: *Official AAU Beamer Theme, Poster Theme, and Report Template*, <http://github.com/jkjaer/aauLatexTemplates>
- [5] The CTAN Team *sfnath - Sans-serif mathematics*, <http://ctan.org/pkg/sfnath>