Namkeen Poster Theme

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Abstract

This project investigates changes in mechanical properties of kidney cells when exposed to TGF-β1, which is known to induce renal disease [1]. The aim of this project is to provide insight on the progression of diabetic nephropathy from a mechanical perspective based on changes in mechanical properties observed in single cells using atomic force microscopy.

Usage

- To use this poster theme, place the `namkeenposter.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 [1].
Local: Place the `baposter.cls` file in the same folder as the poster file `taralliposter.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 ~/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 baposter 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.

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` [2] 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.

Feedback

- This poster theme has been tested with baposter v. 2.0, and it can be downloaded from my website [3] or my personal website [4].
- If you find a bug in this theme (and not in the baposter template), please do not hesitate to contact me. There is a FAQ at the baposter website [1], 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] NUST SEECS Namkeen Theme: *Official Beamer Theme, Poster Theme, and Report Template*, `https://github.com/hasanalikhattak/namkeen`

[4] Hasan ali khattak: *Associate Professor, NUST School of Electrical Engineering and Computer Science (NUST-SEECS)*, `https://hasan.khattak.info`