

Manual for Preparation of Posters in IWI-style using IWIpster.cls V. 2.02

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1 Introduction

The \LaTeX class file `IWIpster.cls` has been developed to make life easier for those developing posters for conferences. It defines paper sizes, appropriate font size, title styles, logos etc., to enable the author of an article (in \LaTeX) to cut and paste content from the article into a poster. It also redefines certain environments in a way compatible with the `IWIpster` class. These environments are `figure`, `subfigure`, `table`, and `algorithm`. `IWIpster.cls` can be used with both \LaTeX and pdf\LaTeX . This new version of the poster class leans heavily on the file `sciposter.cls` please refer to that manual (`scipostermanual.pdf`) for more information on most of the facilities of the class.

`IWIpster.cls` comes in an archive `IWIpster.tgz` which also contains a number of supporting files (`README`, logos etc.), an example in directory `IWIpsterexample`, and this manual. To learn more about the use of this class file, please refer to `IWIpster-example.tex`, which demonstrates a number of features of the package.

2 Installation

Installation of the package concerns two steps: (i) unpacking the archive in a directory of your choice, and (ii) editing the file `iwiologopath.cfg`. It is most convenient to unpack the archive in a directory included in the `TEXINPUTS` environment variable (at our institute, in your `.TeX` directory in your home directory). Unpacking is done using the command:

```
tar -xzf IWIpster.tgz
```

After this step, edit `iwiologopath.cfg`. This file contains the definition of one macro that contains the path to the logo files. Change this definition to your local setup. it contains just one line:

```
\newcommand{\iwiologopath}{/iwi200/home/users/michael/.TeX/}
```

The easiest way to get this right is to type:

```
pwd
```

while still in the installation directory. The full directory name the system then returns can be cut and paste into the place of my installation directory (`/iwi200/home/users/michael/.TeX/`).

3 Titles and page layout

As any L^AT_EX class file, simply type:

```
\documentclass{IWIpster}
```

at the start of your manuscript, and use commands such as `\title`, and `\maketitle` as usual. The `\author` command is slightly different from the original, in that only the author names are expected. By default, it is assumed that the institute is the Institute for Mathematics and Computing Science, University of Groningen, The Netherlands. A further command `email`. Thus, if we have put

```
\title{Generalized Pattern Spectra Sensitive to Spatial Information}
\author{Michael H.F. Wilkinson}
\email{michael@cs.rug.nl}
```

in the preamble, we obtain:



Generalized Pattern Spectra Sensitive to Spatial Information

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michael@cs.rug.nl

Note that there is space to the left and right of the title for a logo. Default settings are the university's coat of arms (in colour) to the left, and an empty space to the right. These settings can be changed using the commands:

```
\institute    has single parameter to set institute address.
\leftlogo     has single parameter for left logo file (with or without extension).
\rightlogo    has single parameter for right logo file (with or without extension).
\noleftlogo   same as \leftlogo{ }, but also widens space available for title.
\norightlogo  same as \rightlogo{ }, but also widens space available for title.
\nologos      same as \noleftlogo \norightlogo
```

The text font size of the title, author, and institute address can be controlled by redefining the commands `\titlesize`, `\authorsize`, and `\instsize`, respectively, e.g:

```
\renewcommand{\titlesize}{\huge}
\renewcommand{\authorsize}{\Large}
\renewcommand{\instsize}{\large}
```

Sets up a title with size `\huge`, author in size `\Large`, and institute address in size `\Large`. Other effects such as italics can be added as well.

All the above commands should be given before `\maketitle`. A further logo appears by default in the footer (part of the university's style). At this point in time, it can only be changed by redefining the `\footlogo` command. To remove this logo use:

```
\renewcommand{\footlogo}{}{ }
```

By default, the IWIpster class uses an empty page layout (no header or footer). However, the following command allows you to enter a footer line indicating the conference where the poster will be presented:

`\conference` has single parameter to specify conference

In the file `IWIposter-example.tex` we have:

```
\conference{{\bf ICPR 2002}, 16th International Conference on  
Pattern Recognition, 11-15 August 2002, Qu\'ebec City, Canada}
```

After the title has been set up, it is common practice to use the `multicols` environment to fill the rest of the page. For portrait posters at A0 paper size, 3 columns is preferred, for landscape at the same size, 5 is most appropriate. Note however that the user may use the space between title and footer in any other way.

4 Class Options

All class options of `sciposter.cls` are also available in `IWIposter.cls`. Please refer to that manual. Two additional options are

`color` use colour logos and blue section boxes

`bw` use black-and-white logos and grey section boxes

Option `color` is default, whereas `bw` makes posters duller but cheaper to print (if no other colours are used).

Note that the older paper size option `a0b` has been dropped (nearest equivalent `ansiE`).