

# The HEP-TITLE package\*

## Extensions for the title page

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### Abstract

The HEP-TITLE package extends the title macros of the standard classes with macros for a preprint, affiliation, editors, and endorsers.

To use the HEP-TITLE package include it with `\usepackage{hep-title}`.

Most macros are intended for the use in the preamble. They are implemented using the TITLING [1] and AUTHBLK [2] packages.

## 1 Macros

If the HYPERREF package is loaded the portable document format meta information is set according to the `\title{<text>}` and `\author{<text>}` information.

### 1.1 Title

`\series` The `\series{<series>}` places a series title above the usual title generated via `\title{<title>}`. The  
`\title` `\subtitle{<subtitle>}` macro places a subtitle below the usual title. The fonts and their size can  
`\subtitle` be adjusted using the `\seriesfont{<font>}`, `\titlefont{<font>}`, and `\subtitlefont{<font>}` macros.

### 1.2 Authors

`\seriesfont` In order to facilitate multiple authors with different affiliations the AUTHBLK package [2] is  
`\titlefont` extended. The author macro is extended to take a affiliation label `\author[<label>]{<name>}`. The  
`\subtitlefont` affiliation macro takes the corresponding label `\affiliation[<label>]{<institution>}`. Additionally,  
`\author` the `\email{<email>}` macro places a link containing the email in typewrite font into a footnote.  
`\authorfont` The fonts can be adjusted using the `\authorfont{<font>}` and `\affiliationfont{<font>}` macros.  
`\email` The following lines add e.g. two authors with different affiliations  
`\affiliation` `\author[affil1]{Author one \email{email one}}`  
`\affiliationfont` `\affiliation[affil1]{Affiliation one}`  
`\author[affil2]{Author two \email{email two}}`  
`\affiliation[affil1,affil2]{Affiliation two}`

`\editor` Additionally the `\editor[<label>]{<name>}` and `\endorser[<label>]{<name>}` macros are provided  
`\endorser` that act similar to the `\author[<label>]{<name>}` macros but place their content in a dedi-  
`\editorfont` cated line. Their font can be adjusted by the `\editorfont{<font>}` and `\endorserfont{<font>}`.  
`\endorserfont` The titles of these lines can be adjusted using the `\editortitle{<singular>}{<plural>}` and

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`\endosertitle{⟨singular⟩}{⟨plural⟩}` macros. Their font can be adjust with the `\editortitlefont{⟨font⟩}` and `\endosertitlefont{⟨font⟩}`.

### 1.3 Abstract

`abstract` (*env.*) The `abstract` environment is adjusted to not start with an indentation. The `abstract*` environment takes care of placing the title as well. This is used in `twocolumn` documents if the abstract should span both columns.

### 1.4 Preprint

`\preprint` The `\preprint{⟨number⟩}` macro places a pre-print number in the upper right corner of the title page. The `\preprintfont` macro can be used to change the font of the preprint.

## References

- [1] P. R. Wilson. ‘The `titling` package: Control over the typesetting of the `\maketitle` command’ (2000). CTAN: `titling`.
- [2] P. W. Daly. ‘A  $\LaTeX$  Package to Prepare Author and Affiliation Blocks: Support for footnote style author/affiliation’ (2001). CTAN: `authblk`.