

# 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

### 1.1 Title

`\series` The PDF meta information is set according to the `\title{<text>}` and `\author{<text>}` information. The `\series{<series>}` places a series title above the usual title. The `\subtitle{<subtitle>}` macro places a subtitle below the usual title. The fonts and their size can be adjusted using the `\seriesfont`, `\titlefont`, and `\subtitlefont` macros.

`\seriesfont`

`\titlefont`

### 1.2 Authors

`\subtitlefont` In order to facilitate multiple authors with different affiliations the AUTHBLK package [2] is extended. The following lines add *e.g.* two authors with different affiliations

`\author` `\author[affil1]{Author one \email{email one}}`

`\affiliation` `\affiliation[affil1]{Affiliation one}`

`\editor` `\author[affil2]{Author two \email{email two}}`

`\endorser` `\affiliation[affil1,affil2]{Affiliation two}`

`\email` Additionally the `\editor` and `\endorser` macros are provided.

### 1.3 Abstract

`\authorfont`

`\editorfont` 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.

`\endorserfont`

`\affiliationfont`

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`abstract` \*This document corresponds to HEP-TITLE v1.0.

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## 1.4 Preprint

`\preprint` The `\preprint{numer}` 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`.