

DESCRIPTION OF THE L^AT_EX CLASS RIPCONF

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Abstract: This is a template for papers submitted to the International Conference Process Control 2012. This template is suitable for both full version and abstract (but abstract should be written in Word). Also it distinguishes between English, Slovak, and Czech variants. Its newest version can be found at <http://www.kirp.chtf.stuba.sk/~fikar/texem/ripconf/>.

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Keywords: L^AT_EX, Style file, Process Control Conference

INTRODUCTION

Conference Process Control 2012 provides guidelines for authors on how to write full paper and abstract. These instructions describe precisely margins, font sizes and types, styles for headings, citations, bibliographies, etc.

For the L^AT_EX users, these guidelines have been transformed into a cls and bst files so that the authors can as usual concentrate on the contents and not the form of their work. However, please read them carefully, there are small issues that cannot be resolved by the template.

This material is also written using these templates.

1 DOCUMENT CLASS DESCRIPTION

The first line in a L^AT_EX file contains `documentclass` directive. In our case it is called `ripconf` and can assume the following options (specified in square brackets):

- `no option` – full paper in English
- `abstract` – abstract in English (note that abstract should be written in Word only, this option is thus deprecated)
- `czech` – in Czech
- `slovak` – in Slovak

The options `abstract` and `czech/slovak` can be combined and give the desired result.

1.1 Packages

The class file makes use of the following packages that have to be installed in the local T_EX system: `ifthen`, `fancyhdr` (header and footer), `times` (font), and `natbib` (references).

1.2 New Commands

New commands are defined mainly to typeset information in the beginning of the paper. All have one argument:

title - title of the paper.

rippapernumber - number of the paper to be typeset in the footer of the page (full papers). It is not used with the `abstract` option.

author Authors (full name and surname are required) separated by comma as AUTHOR1 Name, AUTHOR2 Name.

address Addresses of authors, separated by two backslashes to obtain new line.

ripkeywords Keywords to be typeset in both abstract and full paper.

ripabstract Abstract to be typeset in full paper only. Otherwise, it is not used.

An example of the document is as follows

```
\documentclass[slovak]{ripconf}
\rippapernumber{042a}
\title{title}
\author{SURNAME1 Name1, SURNAME2 Name2$\dagger$}
\address{Address1 \\\ $\dagger$}Address2}
\ripkeywords{keywords,...}
\ripabstract{abstract ...}
\begin{document}
\maketitle
text ... text
\bibliography{bib}
\end{document}
```

2 CONTENTS OF THE DOCUMENT

The document is then written as usual with text, mathematical equations, figures and tables.

$$a = 3 \tag{1}$$

Figure, picture

Figure 1 – Caption of the figure should be below it

Citation style relies upon the package natbib. Please refer to its instructions to see which citation commands are available. These include the standard command `\cite` resulting in Surname1 and Surname2 [2006], but define some others as `\citep` with parentheses [Surname1 and Surname2, 2005; Surname3 et al., 2006].

The bibliographic sources are assumed to be available in the form of bib files and transformed in the reference section using the BibTeX processor. The command `\bibliographystyle{ripconf}` is defined within the class file and the author has to type the command `\bibliography{bib}` near the end of the document where references should appear.

Table 1 – Caption of the table should be above it

a	b
c	d

References

- SURNAME1, N.; SURNAME2, N. 2005. Article in conference proceedings. In *Conference Proceedings Title*, 230–240. Address: Publisher.
- SURNAME1, N.; SURNAME2, N. 2006. *Title of Book*. Address: Publisher. ISBN 20-300-400-50, 220 pp.
- SURNAME3, N.; SURNAME4, N.; SURNAME5, N. 2006. Title of paper. *Journal*, 17, 3, 220–223. ISSN 20-300-400-50.