

Instruction for producing FPCP 2003 proceedings

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This is where the abstract should be placed. It should consist of one paragraph and give a concise summary of the material in the article below. You may have as many authors and addresses as you wish. It's preferable not to use footnotes in the abstract or the title; the acknowledgments for funding bodies etc. are placed in a separate section at the end of the text.

1 Introduction

Contributions to FPCP 2003 should be written using latex. In this way they will be included for full-text proceedings and submit to eConf. A printed version will also be produced.

This file should be use as an example to produce your contribution.

For your written contribution the allowed number of pages depends on the allocated time of your talk (time discussion not included). It is given in table 1; please respect it. The size of the text in a page is: 170 mm \times 224 mm while the character size is 12pt. The target date is the 30th of July.

Talk	Number of pages
15'	5
20'	7
25'	8
30'	10
45'	14
50'	16

Table 1: Allocated number of pages as a function of time talk

2 Guidelines

2.1 Producing the article

You should use three files¹:

¹You can get these files from our WWW pages at <http://polywww.in2p3.fr/FPCP2003/>

- *fpcp03.sty*: the style file that provides the higher level latex commands for the proceedings. Don't change these parameters.
- *fpcp03-macro.tex*: a file where you can find macros and abbreviations often used. Don't change neither these parameters nor the file. Definition of other abbreviations are dissuaded to avoid conflicts when all the files will be put together. If needed they have to be put in the beginning of the next file.
- *fpcp03.tex*: the main text (*this file*). You can delete our sample text and replace it with your own contribution to the volume, however we recommend keeping an initial version of the file for reference.

Replace the title, authors, and addresses within the curly brackets with your own title, authors, and addresses. Please, do this also for the commented lines starting with “%+”, which are for the editor's use.

The command for latexing is `latex fpcp03`, do this twice to sort out the cross-referencing.

2.2 Headings and Text and Equations

Please preserve the style of the headings, text fonts and line spacing to provide a uniform style for the proceedings volume.

Equations should be centered and numbered consecutively, as in Eq. 1, and the *eqnarray* environment may be used to split equations into several lines, for example in Eq. 2, or to align several equations. An alternative method is given in Eq. 3 for long sets of equations where only one referencing equation number is wanted.

In latex, it is simplest to give the equation a label, as in Eq. 1 where we have used `\label{eq:perret-xy}` to identify the equation. You can then use the reference `\ref{eq:perret-xy}` when citing the equation in the text which will avoid the need to manually renumber equations due to later changes. (Look at the source file for some examples of this.)

$$x = y. \tag{1}$$

and

$$\begin{aligned} T = & \text{Im}[V_{11}V_{12}^*V_{21}^*V_{22}] \\ & + \text{Im}[V_{12}V_{13}^*V_{22}^*V_{23}] \\ & - \text{Im}[V_{33}V_{31}^*V_{13}^*V_{11}]. \end{aligned} \tag{2}$$

or

$$\begin{aligned}
\mathbf{K} &= \text{Im}[V_{j,\alpha}V_{j,\alpha+1}^*V_{j+1,\alpha}^*V_{j+1,\alpha+1}] \\
&+ \text{Im}[V_{k,\alpha+2}V_{k,\alpha+3}^*V_{k+1,\alpha+2}^*V_{k+1,\alpha+3}] \\
&+ \text{Im}[V_{j+2,\beta}V_{j+2,\beta+1}^*V_{j+3,\beta}^*V_{j+3,\beta+1}] \\
&+ \text{Im}[V_{k+2,\beta+2}V_{k+2,\beta+3}^*V_{k+3,\beta+2}^*V_{k+3,\beta+3}] \\
\mathbf{M} &= \text{Im}[V_{j,\alpha}^*V_{j,\alpha+1}V_{j+1,\alpha}V_{j+1,\alpha+1}^*] \\
&+ \text{Im}[V_{k,\alpha+2}V_{k,\alpha+3}^*V_{k+1,\alpha+2}^*V_{k+1,\alpha+3}] \\
&+ \text{Im}[V_{j+2,\beta}^*V_{j+2,\beta+1}V_{j+3,\beta}V_{j+3,\beta+1}^*] \\
&+ \text{Im}[V_{k+2,\beta+2}V_{k+2,\beta+3}^*V_{k+3,\beta+2}^*V_{k+3,\beta+3}],
\end{aligned} \tag{3}$$

The same method can be used for referring to tables, figures, sections and subsections.

Labels should contain your name to avoid multi-definitions and conflicts when all the files will be put together.

2.3 Tables

The tables are designed to have a uniform style throughout the proceedings volume. It doesn't matter how you choose to place the inner lines of the table, but we would prefer the border lines to be of the style shown in Table 1. The top and bottom horizontal lines should be single (using `\hline`), and there should be single vertical lines on the perimeter, (using `\begin{tabular}{|...|}`). For the inner lines of the table, it looks better if they are kept to a minimum.

The caption heading for a table should be placed below the table.

2.4 Figures

If you wish to 'embed' a postscript figure in the file, then remove the `%` mark from the declaration of the postscript figure within the figure description and change the filename to an appropriate one. The caption heading for a figure should be placed below the figure.

Next adjust the scaling of the figure until it's correctly positioned, and remove the declarations of the lines and any anomalous spacing.

Figure 1: Example of a figure.

2.5 Acknowledgments and Appendices

If you wish to have acknowledgments to funding bodies etc., these may be placed in a separate section at the end of the text, before the Appendices. This should not be numbered so use `\section*{Acknowledgments}`.

It's preferable to have no appendices in a brief article, but if more than one is necessary then simply copy the `\section*{Appendix}` heading and type in Appendix A, Appendix B etc. between the brackets.

2.6 Bibliography

We have used `\bibitem` to produce the bibliography. Citations in the text use the labels defined in the `bibitem` declaration, for example, the first paper of FPCP 2002 [1] is cited using the command `\cite{perret-fpcp02}`.

Contributions of authors of these proceedings could be cited using the labels put at the beginning and at the end of each contribution as in Ref. [2]. `\pageref{PerretStart}` and `\label{PerretEnd}` are used for that. See how it is done in the example `tex` file.

So, to allow other authors to cite you, don't forget to put the label `\label{PerretStart}` at the beginning of your file and `\label{PerretEnd}` at its end having replaced "Perret" within the curly brackets with your own name starting with a capital letter.

3 Final Manuscript

The final version that you send must be absolutely clean and unfolded. It will be printed and used directly without any further editing.

The manuscript will be reduced when filmed so please ensure that indices and other small pieces of text are legible.

Files should start by your own names and are:

- `Authornames.tex` : the main file in latex;
- `Authornames-fig.eps` : figures in eps format;
- `Authornames.ps` or `Authornames.pdf` : a printable version of your contribution.

Files should be sent by the **30th of July 2003** to: **perret@in2p3.fr** with the keyword "FPCP 2003 Proceedings" in the subject.

Please, be sure that eps files you are sending are *true eps files* and can be used without any problem on all platforms!

Acknowledgments

This is where one places acknowledgments for funding bodies etc. Note that there are no section numbers for the Acknowledgments, Appendix or References.

Part of the templates and files used draw one's inspiration from eConf, FPCP 2002 and Moriond proceedings, and Babar macros. We acknowledge people who produce them.

References

- [1] A. Höcker, FPCP 2002 proceedings
- [2] P. Perret, "Instruction for producing FPCP2003 proceedings", *these proceedings pp. 1-4*