

HOW TO FORMAT PAPERS THAT ARE TO BE PUBLISHED IN THIS JOURNAL

FIRST AUTHOR,^a SECOND AUTHOR,^{b*} AND THIRD AUTHOR^a

(Communication presented by ...)

ABSTRACT. A template, based on the $\text{\LaTeX} 2_{\epsilon}$ typesetting system, is illustrated with the guidelines for the preparation of manuscripts that have been accepted for publication in *Atti della Accademia Peloritana dei Pericolanti – Classe di Scienze Fisiche, Matematiche e Naturali*

1. Introduction

The *Atti della Accademia Peloritana dei Pericolanti – Classe di Scienze Fisiche, Matematiche e Naturali* (abbreviated journal title: *Atti Accad. Pelor. Peric. Cl. Sci. Fis. Mat. Nat.*) is an open access journal that is being published online since 2004 by the *Accademia Peloritana dei Pericolanti* (APP), a scientific society based in Messina (Italy). Articles published in this journal are distributed, since January 2009, under the terms and conditions of a “Creative Commons Attribution 3.0 Unported License” [1], as explicitly stated in the note placed at the end of the published text of each article.

2. Paper format

The paper format is B5 (17.6 × 25.0 cm), with a textwidth of 12.6 cm and a textheight, excluding header and footer, of 19 cm. Authors should keep in mind these dimensions when writing formulas and/or inserting figures in the body of the manuscript.

3. Formatting instructions

If you need special macros, please insert them *before* the line `\begin{document}`.

3.1. Languages. Hyphenation rules are selected through the multilingual package `Babel` (`babel.sty`) that is invoked in the preamble. More specifically, the arguments in

```
\usepackage[italian,english]{babel}
```

tell $\text{\LaTeX} 2_{\epsilon}$ that the current document is written in two languages, Italian and English, and that English is the first language in use.

3.2. Headers. The names of the authors of the manuscript and its title will be used as headers of the document. Specifically, the names, printed in SMALL CAPITALS, will be used as the right header of even-numbered pages ([RE]). The names of the authors (three, in the current example) should be inserted in the line

```
\fancyhead[RE]{\footnotesize{\sc{F. Author1, S. Author2, and
T. Author3}}}
```

If the paper is co-authored by more than two individuals, please include the initials and the last name of the first author only, followed by the abbreviated idiom *et al.*; alternatively, the name of the one single author (or the names of both of the two authors, if this is instead the case) should be given.

The title, conveniently shortened if the full title is too long, will be used as the left header of odd-numbered pages ([LO]). It will be printed in SMALL CAPITALS as well. The title, possibly truncated with an ellipsis (i.e., a row of three periods; in the current example: “How to format papers ...”), should be inserted in the line

```
\fancyhead[LO]{\footnotesize{\sc{How to format papers ...}}}
```

Please, do not modify the other settings of the “Headers and Footers” command block.

3.3. Title. The full title of the manuscript should be inserted in the line:

```
\title{\bf\large Full Title}
```

The title will be printed in boldface with a type size of 12 points, as indicated by the declaration `\bf\large`. Please, do not modify these settings.

3.4. Authors. The name(s) of the author(s) are listed in

```
\author{\sc Full Authors}
```

The field `Full Authors` should include the list of all the authors of the manuscript, the first name being followed by the middle initial (if applies) and by the last name. The asterisk in the list of the authors identifies the *corresponding author* of the communication. If none of the authors is a member of the *Accademia Peloritana dei Pericolanti*, the *presenting* Ordinary Member should be explicitly indicated (see the instructions for authors on the journal web site where an updated list of the Ordinary Members of the APP Division of Physical, Mathematical, and Natural Sciences is also available).

3.5. Abstract. The abstract should be intelligible to a non-specialist in the field and should be possibly contained within one single paragraph. Do not include references; any citation that is to appear in the abstract body text should be provided in full. Avoid using abbreviations, acronyms, and specialized terms or symbols that require definition. If abbreviations must be used, their full meaning should be provided.

The abstract should be supplied in English even if the language in which the manuscript has been written is different (say, Italian). To this end, insert the following Babel commands before and after the abstract:

```
\selectlanguage{english}
\begin{abstract}
... insert the text (in English) here ...
\end{abstract}
\selectlanguage{italian}
```

The first `\selectlanguage{}` command enforces the typesetting of the abstract according to the rules of the English language, that are being replaced by those of the Italian language in the rest of the manuscript (in passing, note that we have just used the same commands in the Introduction when typesetting the full Italian title of this journal).

4. Mathematical formulas

This template invokes the package

```
amsmath.sty
```

so that authors can use the symbols and fonts recommended by the American Mathematical Society, a widely accepted standard package for mathematical journals. Authors are urged to consult the instructions reported in the manual, which can be downloaded with the L^AT_EX distribution, in order to learn how to align and split formulas.

When referring to environments with a label such as

```
\newtheorem\label{AA}
```

one should insert the reference within braces, `\ref{AA}`, so as to prevent an incorrect typesetting of the text that follows.

In order to display relatively short formulas or equations embedded in the text on their own line such as

$$A = B$$

please use the shorthand form of the `displaymath` environment, viz., `\[A=B\]`. Alternatively, if you also want to number the equation, you should embed the formula in an `equation` environment

```
\begin{equation}
\label{Eq:identity}
A=B
\end{equation}
```

which starts a `displaymath` environment and places an equation number in the right margin:

$$A = B \tag{1}$$

The associated label allows you to refer to Eq. (1) through the `\ref{Eq:identity}` command, without hardcoding its number.

5. Figures

This template invokes the graphic routine `graphicx.sty` which manages the graphic material to be inserted in the paper. Authors should submit their graphics in PostScript format (ps, eps, epsf) which allows the figures to be conveniently scaled with no loss of resolution. Figures should be inserted within a `figure` environment using the command

```
\centerline{\includegraphics[width=xxx\textwidth]{namefig}}
```

or

```
\centerline{\includegraphics[height=xxx\textheight]{namefig}}
```

where `namefig` is the name of the imported graphics file. The options specified in the two command lines reported above let the width/height of the figure to be scaled to some percent fraction (e.g., 80% if the parameter `xxx` is set equal to 0.80) of the width/height of the text on a normal page of typing. Do not specify the size of the figure in absolute units (such as centimeters, points or the like) since \LaTeX might be then unable to place the figures where appropriate in the page.

6. Bibliography

Every reference cited in the text should also be present in the bibliography of the paper (and vice versa). The bibliography starts with the line

```
\begin{thebibliography}{}

```

and ends with the line

```
\end{thebibliography}

```

Cite articles, books or whatever through the command `\cite{label}`, where the `label` uniquely identifies an item in the bibliography (`\bibitem{label}`). References to articles should be formatted as follows (see, e.g., Ref. [1]):

```
\bibitem{label} Name(s) of the author(s), ``Title of the
  article (optional)'' , \emph{Title of the journal (the
  abbreviated form is preferred)} {\bf volume number},
  initial page or article number (year of publication).

```

References to books should be formatted as follows (see, e.g., Ref. [2]):

```
\bibitem{label} Name(s) of the author(s),
  \emph{Title of the book} (Publisher, City, Year).

```

References to contributions published as chapters or parts of a book or to articles included in the proceedings of a conference also published as a book should be formatted as follows (see, e.g., Ref. [3]):

```
\bibitem{label} Name(s) of the author(s), ``Title of the
  chapter/article'' , in \emph{Title of the Volume}, edited by
  ..., Vol. ..., Series ..., pp. ... (Publisher, City, Year).

```

References to articles contributed to conference proceedings which have been published as special issues of scientific journals should be formatted as regular articles (see above).

List bibliographic items following the order in which they have been sequentially cited (for the first time) in the paper; do not use other criteria, such as the alphabetical order (of, say, first authors). You can also cite more than one item at a time using a comma-separated list (with no spaces in between) as in [1, 2, 3].

References

- [1] P. V. Giaquinta, “Editorial: A look to the past and to the future of the APP journal for physical, mathematical and natural sciences”, *Atti Accad. Pelorit. Pericol. Cl. Sc. Fis. Mat. Nat.* **LXXXVII**, C1E0901001 (2009).
- [2] F. Borghese, P. Denti, and R. Saija, *Scattering by model non-spherical particles* (Springer, Heidelberg, 2002).
- [3] M. P. Tosi, “The early years of condensed matter theory in Messina,” in *Progress in Condensed Matter Physics*, edited by G. Mondio and L. Silipigni, Vol. 84, Conference Proceedings, pp. XXVII – XXXVI (Società Italiana di Fisica, Bologna, 2004).

7. Author affiliations

The institutional affiliation of each author as well as the e-mail address of the corresponding author are given at the end of the paper. In the following example the (fictitious) first and third author of the present document do actually share the same affiliation:

^a Università degli Studi di ...
Dipartimento di ...
Via ...
CAP, Città, Italy

^b University of ...
Department of ...
Mailing address ...
City, Postal code, Country

* To whom correspondence should be addressed. E-mail: ...@...

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