

How to format a submission for AlgoTel with the conference's own $\text{\LaTeX} 2_{\epsilon}$ -style

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Un résumé rapide et en français de la contribution.

Mots-clefs : some well classifying words, mandatory!

1 Introduction

The $\text{\LaTeX} 2_{\epsilon}$ -style for AlgoTel is derived from the DMTCS style, which is also derived from the usual `article.sty`. Its main purpose is to ensure a common layout policy of all articles in AlgoTel and to provide editors, referees and readers with the necessary information. If you think you need an introduction to $\text{\LaTeX} 2_{\epsilon}$, you should consider reference [OPHS99] given at the end.

2 Providing Information for the First Page

We need the following type of information:

- The name(s) of the author(s), provided by the `\author` command. This is exactly the same as for standard $\text{\LaTeX} 2_{\epsilon}$. Please refer to your \LaTeX book to see how this is usually done, or look at the examples given here in this file.
- The title of the manuscript, provided by the `\title` command. This command may be given in two different forms. The first is: `\title{Your title goes here}`. If done like that, the title that you give is used as running head for the odd numbered pages as well. If your title is too long such that it doesn't fit into the running head you should use the alternative form: `\title[Short title]{Long title}`. Here the string inside the brackets is used in the running head.
- The address(es) of the authors, provided by the `\address` command.
- Some keywords that classify your work, provided by the `\keywords` command. Be careful on the choice of these keywords, you are the author, you should know best what is adequate such that your article can be easily and correctly identified by search engines and alike. Give it in the form `\keywords{first item, second, third}`. So each *keyword* might consist of several words in the usual sense. To separate several key words use commas. These keywords must be the same as the ones that are given when you fill out the http-form for submission.
- An abstract of your manuscript, provided by the `abstract` environment. This should be no longer than a paragraph and concisely reflect the main contributions of your work.

3 Hints for the Manuscript Itself

3.1 Numbering Commands

Please use the standard conventions for all commands and environments that provide a numbering such as `theoremlike` environments or sections. In particular usual counting starts at 1 and not at 0.

[†]I am not supported.

[‡]But he is!

3.2 Proper Names

Please also be careful in the writing of personal names. Customs in different countries are different! Be sure to use a standard transcription of names that use a different alphabet than English, and also be sure to use the full capabilities of $\text{\LaTeX 2}_{\epsilon}$ for accentuated character sets that are based on the Latin alphabet. Be sure to catch the correct concept of “last name” in that language.

3.3 Use a Spell Checker

It is considered as being very impolite to leave obvious spelling errors in the manuscript before sending it out. Computers are made for these, **use them**.

You might either use the North American variant for spelling or the British one, but please don’t mix them in one paper. The same holds for different possible spellings for the same word as for example “*acknowledg(e)ment*” or “*formulae*” versus “*formulas*”. **Be consistent**.

3.4 Mathematics

- Running text must always constitute correct French or English sentences.
- All complicated mathematical formulae should be given on separate lines and should not be spread out into the running text. You should use $\text{\LaTeX 2}_{\epsilon}$ environments that provide a numbering for such formulae such as `equation` or `eqnarray`. Such numbers ease the referee process very much, and after eventual publication easily allow readers to refer to in their own work.
- The quantifiers “ \exists ” and “ \forall ” don’t stand as abbreviations of the partial phrases “*there is*” and “*for all*”. They are reserved for logical formulae as *such*, that is for work that talks itself of logical formulae as a subject.
- The equal sign “ $=$ ” may have different meanings in different communities.
 1. It might stand for mathematical identity that is discovered *a posteriori*. As an example take the following phrase:

An easy computation shows that $4! = 24$.

2. It might stand for a *definition*, as in:

For convenience, set $0! = 1$.

For the later use of “ $=$ ”, computer scientists often tend to use “ $:=$ ”. Referees should be tolerant to these different customs.

4 Packages Included in the Class

Table 1 shows which packages are included by default in the class.

Package	Effect
<code>babel</code>	Deal with the language (english or french).
<code>caption</code>	Change the style of the captions.
<code>fontenc</code>	Words with accents are correctly hyphenated.
<code>geometry</code>	Change the margins.
<code>graphicx</code>	Use <code>\includegraphics</code> to include images.
<code>hyperref</code>	Make clickable hyperlinks in the pdf output.
<code>inputenc</code>	Your source file must be coded in UTF-8.
<code>newtxmath</code>	Change the font (for maths).
<code>times</code>	Change the font (for the regular text).

TABLE 1: Included packages.

5 Tests and Examples

Style of math fonts: $\mathcal{A} \leadsto B \bowtie C$.

Style of the hyperlinks:

— Cf. Section 1.

— Cf. [OPHS99].

— Cf. <https://algotel.eu.org/>.

A footnote looks like this.[§]

L^AT_EX floats: cf. Figure 1 and Table 2.



FIGURE 1: A nice figure.

A	B
C	D

TABLE 2: A nice table.

Finally, a mathematical proof can be ended with `\qed`, like this.

□

References

- [OPHS99] Tobias Oetiker, Hubert Partl, Irene Hyna, and Elisabeth Schlegl. *The Not So Short Introduction to L^AT_EX 2_ε*, 3.3 edition, 1999. available at <http://www.loria.fr/services/tex/general/lshort2e.pdf>.

[§]. I mean, like that.