

## INSTRUCTIONS FOR PREPARATION AND SUBMISSION OF PAPERS FOR PUBLICATION IN THE PROCEEDINGS OF XXIX CILAMCE

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**Abstract.** *This document-template provides detailed instructions for preparing and submitting a paper to the XXIX Iberian Latin-American Congress on Computational Methods in Engineering. Please follow these instructions: a) type the body of the paper in a single column; b) use preferably no more than 15 A4-size pages (21 x 29.7 cm), each formatted with 2.5 cm margins on all sides (do not print any border around the text and do not insert page numbers); c) use 12 pt Times Roman throughout; d) type up to 200 words in the abstract, in italics; e) always use single-spaced lines, justified alignment; f) cite references by name (year) and list in alphabetical order by author at the end; g) supply good quality figures/photographs (black and white only); h) define all symbols as they appear in the text; i) use only SI units. The paper may be written in English (preferred), Portuguese, Spanish or Italian.*

**Keywords:** *First keyword, Second keyword, Third keyword (up to 5 keywords)*

## 1. INTRODUCTION

The Proceedings of XXIX CILAMCE, including the full versions of all papers to be presented at the Congress, will be published in a CD-ROM format. It is therefore extremely important that you prepare the digital version of your contribution in accordance with the present instructions.

After the paper preparation you should generate a PDF file for submission. Please make sure you identify your file with the code number that was given by the Organizing Committee upon abstract acceptance. For example, your uploaded file should be called *CIL99-999.PDF*.

## 2. TYPING INSTRUCTIONS

The paper must be written in English (preferred), Portuguese, Spanish or Italian. The first page of the text (title, abstract and keywords) will be used to compose the book of abstracts, which will be accompanying the CD-ROM.

### 2.1 Paper length

The full paper including figures and tables should be preferably no longer than 15 A4-size pages (21 cm x 29.7 cm). Please limit your paper by writing concisely, rather than by reducing figures or tables to a size at which symbols/labels become difficult to read. The final PDF file should be smaller than 1.5 Mb.

### 2.2 Page format

Each A4-size page should be formatted with 2.5 cm margins on all sides. This defines the printable area. Inside this area, the text must be arranged in a single column. Please do not print any border around the text and do not insert page numbers.

The final paper should look like this document.

### 2.3 General text specifications

The paper must be typed using 12 pt Times Roman throughout the text, as in the present document. This includes title, headings, and figure and table captions.

**Paper title.** Allow a 45 mm space from the top, then type the first line of the title. The title should be in boldface type, all capital letters and centered on the page and must not exceed three lines. It should be single spaced if longer than one line. Skip one line (12 pt) between the title and the first author.

**Author(s) and affiliation.** Type authors' names in boldface type, flush left, one per line, including first name, middle initial and last name.

Each name or group of names must be followed by the corresponding affiliation, which should be in regular type (neither boldfaced nor italicized). Skip two lines (24 pt) between the last affiliation and the abstract.

#### **Abstract and keywords.**

- Abstract – Use the  $\text{\LaTeX}$  command `\begin{abstract}`. Write the abstract and finish with `\end{abstract}` command. The abstract should be no longer than 200 words.
- keywords – Use the  $\text{\LaTeX}$  command `\keywords` (it is part of `cilamce.sty` file). Write 3 to 5 keywords, separated by commas, with the first letter of each keyword capitalized.

**Headings.** Type a first-level head in all capital letters using the `\section`  $\text{\LaTeX}$  command. The head title of section will have be 0.75 cm (or 7 blank spaces) from the left margin. Leave

one blank line above and one below this head (this is default if to use the cilamce.sty style).

Use the command \subsection for the second level head. Do not number third-level heads.

Use boldface italics, capitalizing only the first letter and indenting 0.75 cm from the left margin. Follow it by a period and start the text immediately. Leave one blank line above this head.

**Body of text.** The text should be typed in regular using single-spaced lines and justified alignment. Start each paragraph 0.75 cm from the left margin and allow no space between paragraphs.

## 2.4 Equations, symbols and units

Indent an equation 1 cm (or 10 spaces) from the left margin. Number it with an Arabic number enclosed in parentheses placed flush right. For example:

$$\varepsilon_x = \frac{\partial u}{\partial x} \quad (1)$$

When referring to an equation in the text write "Eq. (1)," except at the beginning of a sentence, where "Equation (1)" should be used.

Symbols should be italicized throughout the text. Define all symbols as they appear in the text. A nomenclature section is not necessary.

All data, including those shown in tables and figures, must be reported in SI units. Decimal points rather than commas should always indicate decimals.

## 2.5 Figures and tables

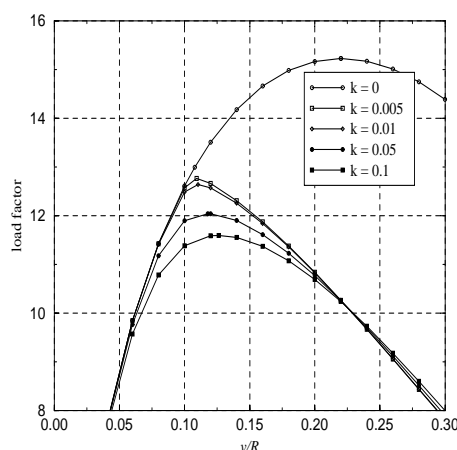
Figures and tables should be inserted as close as possible to their mention in the text. Enclosed text and symbols must be clearly readable; avoid small symbols. Supply good quality pictures and illustrations.

Figures and tables and their captions should be centered in the text. Place figure caption below the figure and one blank line should be left between both. Place table title above the table, also leaving one blank line between them. Leave one blank line between the table or figure and the adjacent text.

Arabic numerals should be used in figures and tables (e.g., Figure 1, Figure 2, Table 1, Table 2). Refer to them in the text as "Table 1" and "Fig. 1" (except at the beginning of a sentence, where "Figure 1" should be used).

<b>Table 1: Coefficients in constitutive relations</b>		
Constitutive relation	Nomenclature	Value
Turbulent tensor	$C_\mu$	0.09
Turbulent tensor	$C_{\mu b}$	0.69
Lateral lift	$C_L$	0.08
Virtual mass	$C_{VM}$	0.8

Label coordinates in plots and add the corresponding units. Similarly, label columns/rows in tables and add the units.



**Figure 1:** Load/displacement curves.

## 2.6 Permission

You are responsible for making sure that you have the right to publish everything in your paper. If you use material from a copyrighted source, you may need to obtain permission from the copyright holder.

## Acknowledgements

This section should be positioned between the end of the text and the reference list. Type Acknowledgements in boldface italics, skip one line of space and type the text in regular type, or use the command `\subsection*{Acknowledgements}`.

## 2.7 References

References should be cited in the text by name (year) or (name, year). For example: "In a classical work, Mattiasson (1980) proposed ...," or "In a recent work (Hinton et al., 1995), it was proposed ..." We recommend you use BibTeX and the natbib package. In this case use the commands `\citet` and `\citep` for citations.

Type the head REFERENCES in all capitals, boldface type from the left margin, skip one line, or use the command `\thebibliography`. References must be listed in alphabetical order at the end of the paper. Each reference must be cited in the text.

Here is an example of a reference list including a journal article, a report, an edited book, a proceeding, a dissertation and a book:

## REFERENCES

- Goossens, M., Mittelbach, F., & Samarin, A., 1994. *The LaTeX Companion*. Addison-Wesley.
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