

**INSTRUCTIONS TO PREPARE THE FULL PAPER FOR THE
V EUROPEAN CONFERENCE ON COMPUTATIONAL FLUID
DYNAMICS (ECCOMAS CFD 2010)**

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Abstract. *This document provides information and instructions for preparing a paper to be included in the Proceedings of the ECCOMAS CFD 2010 Conference. The paper can be written in LaTeX or Word following the format instructions. All the instructions as well as the example files can be found in the webpage of the Conference.*

1 INTRODUCTION

The proceedings will be edited in a CD-ROM, including the texts and figures, using Portable Document Format (PDF). Authors should submit their paper electronically through the web page of the Conference, <http://www.eccomas-cfd2010.org/> before March 31, 2010. The paper should be written following the format of the LaTeX and Word macros that can be found in the Conference webpage under Instructions for Authors. The file has to be translated to Portable Document Format (PDF) before submission through the Conference webpage. The organizers do not commit themselves to include in the Proceedings any paper received later than the official deadline. At least one of the authors must register and pay his/her registration fee before the deadline set at April 15, 2010 for their paper to be included in the final program of the Conference. In addition to the CD-ROM, a book of one-page abstracts will be edited containing the basic information about each paper to be presented at the Conference. Note that these instructions are for contributed manuscripts and not for the invited lectures. The manuscripts supporting the invited lectures have a different format.

2 GENERAL SPECIFICATIONS

The paper must be written in English within a printing box of 16 cm x 24 cm, centered in the page. The paper including figures, tables and references must have a minimum length of 4 pages and must not exceed 20 pages. Maximum file size is 6 MB.

3 TITLE, AUTHORS, AFFILIATION, KEY WORDS

The first page must contain the Title, Author(s), Affiliation(s), Key words and the Abstract. The second page must begin with the Introduction. The first line of the title is located 3 cm from the top of the printing box.

3.1 Title

The title should be written centered, in 14pt, boldface Roman, all capital letters. It should be single spaced if the title is more than one line long.

3.2 Authors

The author's name should include first name, middle initial and surname. It should be written centered, in 12pt boldface Roman, 12pt below the title.

3.3 Affiliation

Author's affiliation should be written centered, in 11pt Roman, 12pt below the list of authors. A 12pt space should separate two different affiliations.

3.4 Key words

Please, write no more than six key words, which will be used to compile the CD-ROM index. They should be written left aligned, in 12pt Roman, and the line must begin with the words **Key words:** boldfaced. A 12pt space should separate the key words from the affiliations.

3.5 Abstract

Use 12pt Italic Roman for the abstract. The word **Abstract** must be set in boldface, not italicized, at the beginning of the first line. The abstract text should be justified and separated 12pt from the key words, as shown in the first page of these instructions. The abstract should neither be too short nor exceed the first page.

4 HEADINGS

4.1 Main Headings

The main headings should be written left aligned, in 12pt, boldface and all capital Roman letters. There should be a 12pt space before and 6pt after the main headings.

4.2 Secondary Headings

Secondary headings should be written left aligned, 12 pt, boldface Roman, with an initial capital for first word only. There should be a 12pt space before and 6pt after the secondary headings.

5 EDITORIAL HEADING

The first page will include the Editorial Heading, as shown in the first page of these instructions. In addition, successive pages will include the name of the authors. The Editorial Heading must be included in the paper by the authors.

6 TEXT

The normal text should be written single-spaced, justified, using 12pt (Times New) Roman in one column. The first line of each paragraph must be indented 5 mm. There is not interparagraph spacing.

7 PAGE NUMBERS

A paper will be found in the CD-ROM by the author's name or using the key words. Page numbering is unnecessary for this purpose. In any case, in order to organize the paper, it is better to number the pages. Write the page number centered at the bottom of each page, with 12pt Roman. Note: Page numbers are not included in the printing box.

8 FIGURES

All figures should be numbered consecutively and captioned. The caption title should be written centered, in 10pt Roman, with upper and lower case letters. A 6pt space should separate the figure from the caption, and a 12pt space should separate the upper part of the figure and the bottom of the caption from the surrounding text. Figures should be included within the text, see figure 1, rather than added at the end of the paper.

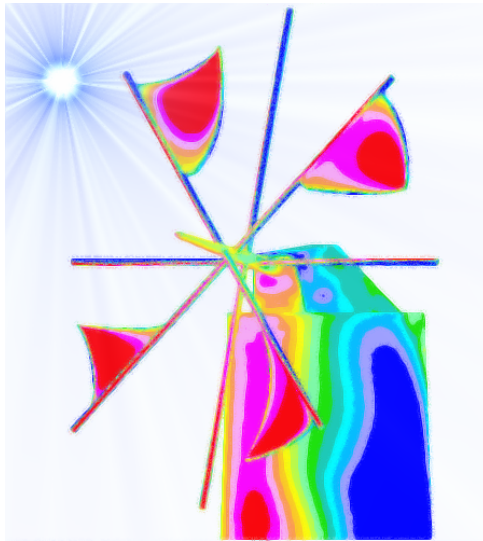


Figure 1: Example of figure

9 EQUATIONS

A displayed equation is numbered, using Arabic numbers in parentheses. It should be centered, leaving a 6pt space above and below to separate it from the surrounding text.

The following example is a single line equation:

$$Ax = b \tag{1}$$

The next example is a multi-line equation:

$$\begin{aligned} Ax &= b \\ Ax &= b \end{aligned} \tag{2}$$

10 TABLES

All tables should be numbered consecutively and captioned, the caption should be 10pt Roman, upper and lower case letters.

A 6pt space should separate the table from the caption, and a 12pt space should separate the table from the surrounding text.

C11	C12	C13
C21	C22	C23
C31	C32	C33
C41	C42	C43
C51	C52	C53

Table 1: Example of the construction of one table

11 FORMAT OF REFERENCES

References should be quoted in the text by superscript numbers^{1,2,3}, and grouped together at the end of the paper in numerical order as shown in these instructions.

12 CONCLUSIONS

- Papers should be submitted electronically via the webpage of the Conference.
- Papers should be written following the format of the LaTeX and Word macros for submission that can be found in the Conference webpage.
- They must be translated to Portable Document Format (PDF) before submission through the Conference webpage.
- Deadline for the submission of the paper posted in the webpage must be respected.
- The organizers do not commit themselves to include in the Proceedings any paper received later than the deadline.
- At least one of the authors should register and pay his/her registration fee before the first registration deadline for their paper to be included in the final program of the Conference.

REFERENCES

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