

INSTRUCTIONS TO PREPARE A FULL PAPER FOR THE 4TH INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN DESIGN, RESILIENCE AND STRENGTHENING OF STRUCTURES (CORASS 2023)

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Key words: Damage mechanics, Fracture mechanics, Rate dependency, Dynamic effects.

Summary. This document provides information and instructions for preparing a Full Paper to be included in the Proceedings of CoRASS 2023 Conference.

1 INTRODUCTION

All the participants, whose Abstract has been accepted for presentation at the Conference, are kindly requested to submit by e-mail the Full Paper. So please send your paper to the email corass@dec.uc.pt, or using the platform webpage <http://corass.pt>, before 31th July 2023. Submission of the Full Paper is highly recommended *as it will be included in the Conference Proceedings. The maximum number of pages in the paper is 15.* The Full Paper should be written following the format of macros for submission. The file has to be translated into Portable Document Format (PDF) before submission via the Conference webpage. The organizers do not commit themselves to include in the Proceedings any Full Paper received after the above mentioned deadline. The presenting author should be indicated as the corresponding author, and marked with an asterisk (*) on the list of authors. It is expected that the corresponding author register and pay his registration fee during the advance period (before 30th September 2023) for the Full Paper to be published, and included in the technical program of the Conference.

2 GENERAL SPECIFICATIONS

The Full Paper must be written in English, within a printing box of 16cm×21cm, centered in the page. The Full Paper including figures, tables and references must have a minimum length of 6 pages

3 TITLE, AUTHORS, AFFILIATION, KEY WORDS

The first page must contain the Title, Author(s), Affiliation(s), Key words and the Summary. The Introduction must begin immediately below, following the format of this template.

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 Author

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. 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 Summary

Use 12pt Italic Roman for the summary. The word **Summary** must be set in boldface, not italicized, at the beginning of the first line. The text should be justified and separated 12pt from the key words, as shown in the first page of these instructions.

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 has to include the Editorial Heading, as shown in the first page of these instructions. Successive pages will include the name of 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 0.5cm. There is not inter-paragraph spacing.

7 PAGE NUMBERS

In order to organize the Full Paper, it is better to number the pages. Page numbers are not included in the printing box.

8 FIGURES

All figures should be numbered consecutively and captioned. The caption title should be centered, below the figure, in 10pt Roman, with upper and lower case letters.

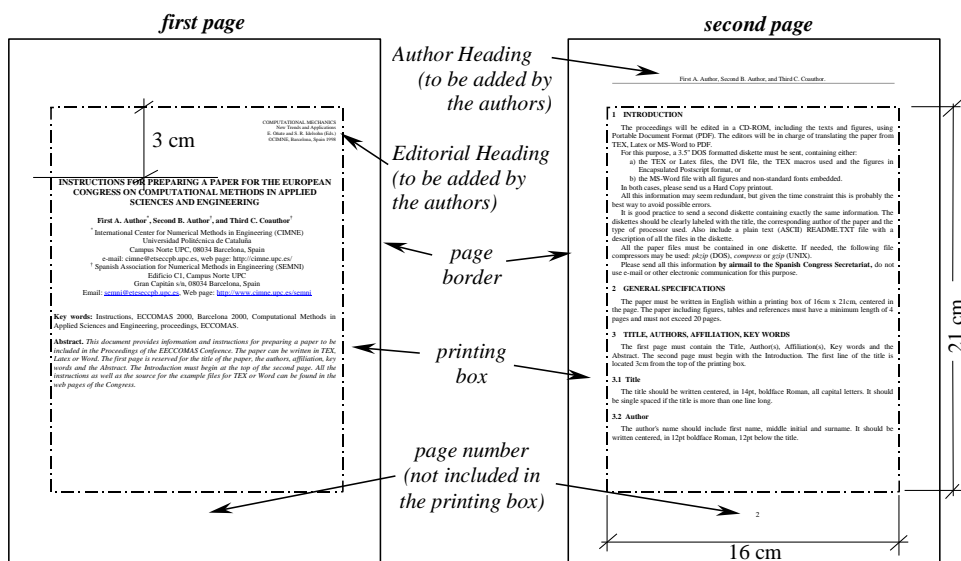


Figure 1: Page layout

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.

9 EQUATIONS

Each equation should be numbered, using Arabic numbers within 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, using the same instructions as for the figures.

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

Table 1: Example of the construction of one table

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

11 FORMAT OF REFERENCES

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

12 CONCLUSIONS

Please remember that:

- Full Papers in format for publication should be submitted electronically via the Conference webpage <http://corass.dec.uc.pt>. The Full Papers must be translated into Portable Document Format (PDF) before submission. The maximum size of the file is 4MB.
- The deadline for the Full Paper submission is 31th July 2023.
- The corresponding author is expected to register and pay his registration fee during the advance period (before 30th September, 2023) for the Full Paper to be published, and included in the technical program of the Conference.

REFERENCES

- [1] O.C. Zienkiewicz and R.L. Taylor, *The finite element method*, McGraw Hill, Vol. I., 1989, Vol. II, (1991).
- [2] S. Idelsohn and E. Oñate, “Finite element and finite volumes. Two good friends”, *Int. J. Num. Meth. Engng*, **37**, 3323-3341 (1994).