

INSTRUCTIONS TO PREPARE A FULL PAPER FOR THE ELEVENTH INTERNATIONAL CONFERENCE ON FRACTURE MECHANICS OF CONCRETE AND CONCRETE STRUCTURES

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Abstract. This document provides information and instructions for preparing a Full Paper to be included in the Proceedings of *FraMCoS X Conference*.

1 INTRODUCTION

All participants whose Abstract has been accepted for presentation at the Conference are kindly requested to submit the Full Paper electronically via the web page of the Conference <http://framcos11.iisc.ac.in> **before July 15th 2023**.

The corresponding author should be the speaker, and has to pay his registration fee **before July 1st 2023** for final acceptance.

2 GENERAL SPECIFICATIONS

The Full Paper must be written in English within a printing box of 17 cm × 24 cm, centered in the page. The Full Paper including figures, tables and references must have a minimum length of 4 pages and must not exceed 12 pages. Maximum file size is 4 MB.

3 TITLE, AUTHORS, AFFILIATION, KEY WORDS

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

3.1 Title

The title should be written centered, in 14pt, boldface Times New 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 Times New Roman, 12pt below the title.

3.3 Affiliation

Author's affiliation should be written centered, in 11pt Times New 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 Times New 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 Times New Roman for the Abstract. The word **Abstract** 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 Times New 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, 12pt, boldface Times New 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 two columns. The first line of each paragraph

must be indented 0.5 cm. There is no 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 written centered, in 10pt Times New Roman, with upper and lower case letters.



Figure 1: Fractured high strength concrete.

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 may be included in the text or added at the bottom of the Full Paper.

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:

$$Ax = b \quad (1)$$

The next example is a multi-line equation:

$$\begin{aligned} Ax &= b \\ Cx &= d \end{aligned} \quad (2)$$

10 TABLES

All tables should be numbered consecutively and captioned, the caption should be 10pt Times New Roman, upper and lower case letters. The texts inside the table should be of 11pt.

Table 1: Example of the construction of one table

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

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 numbers [1–3] and grouped together at the end of the Full Paper in numerical order as shown in these instructions. If you are using Bib_{TEX}, you can use the `bibliographystyle unsrt` or `plain`.

12 CONCLUSIONS

Full Papers in format for publication should be submitted electronically via the web page of

the Conference <http://framcos11.iisc.ac.in> **before July 15th, 2023**. They must be translated into Portable Document Format (PDF) before submission. The maximum size of the file is 4 Mb.

The speaker (corresponding author) is expected to pay his registration fee during the advance period (**before July 1st, 2023**) for the presentation to be included in the final program of the Conference.

REFERENCES

- [1] Griffith, A. A. 1924. Theory of rupture. In Carpinteri et al (eds), *Proceedings of 1st International Congress of Applied Mechanics*; pp. 55-63.
- [2] Kaplan, M.F. 1961. Crack Propagation and The Fracture of Concrete. *Journal of the American Concrete Institute* **58**:591–610.
- [3] Bažant, Z.P., and Cedolin, L. 1991. *Stability of Structures: Elastic, Inelastic, Fracture and Damage Theories*, Oxford University Press, New York (3rd ed., 2010, 1011 pp.).