

## Instructions to Prepare a Full Paper for the XVI International Conference on Durability of Building Materials and Components - DBMC 2023

First A. Coauthor<sup>1</sup>, Second B. Coauthor<sup>2</sup> and Third C. Coauthor<sup>1</sup>

<sup>1</sup>Department of Civil Engineering, Tsinghua University, Beijing 100084, PR China,  
[1st-Author@tsinghua.edu.cn](mailto:1st-Author@tsinghua.edu.cn) (First A. Coauthor), [3rd-Author@tsinghua.edu.cn](mailto:3rd-Author@tsinghua.edu.cn) (Third C. Coauthor),

<sup>2</sup>Navier, Ecole des Ponts, Univ. Gustave Eiffel, CNRS, Marne-la-Vallée, France,  
[2nd-Author@ifsttar.fr](mailto:2nd-Author@ifsttar.fr) (Second B. Coauthor) (Corresponding author)

**Abstract.** *This document provides information and instructions for preparing a Full Paper to be included in the eBook of Proceedings of DBMC 2023 Conference, as well as the 2-page extended abstract to be included in the Book of Abstracts.*

**Keywords:** *Innovative Materials; Durability; Recycling and waste management; Intelligent construction; Life-cycle costing and methods*

### 1 Introduction

All the participants whose Abstract has been accepted for presentation at the Conference, either orally or by poster, are kindly requested to submit the Full Paper and the 2-page extended abstract electronically via the web page of the Conference by **March 31, 2023**. Both submissions are mandatory and the Conference Proceedings (full papers) will be submitted for indexation in the Data Citation Index-Web of Science (Clarivate Analytics) and in SCOPUS database. The Full Paper and the extended abstract should be written following this template and macros for submission, or their equivalent in L<sup>A</sup>T<sub>E</sub>X. The files have to be translated into Portable Document Format (PDF) before submission via the Conference site.

The submitted Full Paper, as well as the extended abstract, will be reviewed by the Scientific Committee with the resulting feedback with the corresponding author. The organizers do not commit themselves to include in the Proceedings any Full Paper received later than the above-mentioned deadline. The corresponding author and/or the speaker is expected to register and pay his registration fee for the paper to be included in the technical program and proceedings of the Conference. Note the early-bird registration starts from **January 1, 2023 to June 30, 2023**, and reduced tariffs are offered during this period.

### 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 and must not exceed 8 pages. Maximum file size is 4 MB.

### 3 Title, Authors, Affiliation, Abstract and Keywords

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

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

The first page must contain the Title, Author(s), Affiliation(s), Abstract, and the Keywords. 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, in Title Case letters (i.e. Capitalizing Nouns, Pronouns, Verbs, Adjectives and Adverbs). It should be single spaced if the title is more than one line long.

### **3.2 Author(s)**

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 maximum of two lines per affiliation is allowed. A 6pt space should separate two different affiliations.

### **3.4 Abstract**

The word **Abstract** must be set in boldface, not italicized, at the beginning of the first line. Use 11pt Italic Times New Roman for the rest of the summary. The text, no longer than 20 lines, should be justified and separated 12pt from the last affiliation, as shown in the first page of these instructions.

### **3.5 Keywords**

Please, write no more than five keywords, separated by commas and ending with a period. They should be written left aligned, in 11pt Italic Times New Roman and Title Case letters, and the line must begin with the word **Keywords:** boldfaced. A 12pt space should separate the keywords from the Abstract.

## **4 Main Headings**

The main headings should be written left aligned, in 14pt, boldface and Title Case Times New Roman letters. There should be a 12pt space before and 6pt after the main headings.

### **4.1 Primary Subheadings**

The primary subheadings should be written left aligned, in 12pt, boldface and Title Case Times New Roman letters. There should be a 12pt space before and 6pt after the primary headings.

#### ***4.1.1 Secondary subheadings***

Secondary subheadings should be written left aligned, 12pt, italic and boldface Times New Roman, with an initial capital for first word only. There should be a 12pt space before and 6pt

after the secondary subheadings.

4.1.1.1 *Tertiary subheadings* (if needed, but not recommended). Tertiary subheadings should be written 12 pt, italic Times New Roman, with an initial capital for the first word only. The text of the subsection will follow the subheading.

## 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 the first paragraph in each Section or Subsection must be not indented.

Subsequent paragraphs must be indented 0.5cm, as it is shown in this paragraph. There is not inter-paragraph spacing.

Every Section or Subsection needs its corresponding text.

## 7 Page numbers

In order to organize the Full Paper and the extended abstract, 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, according with the example in Figure 1.

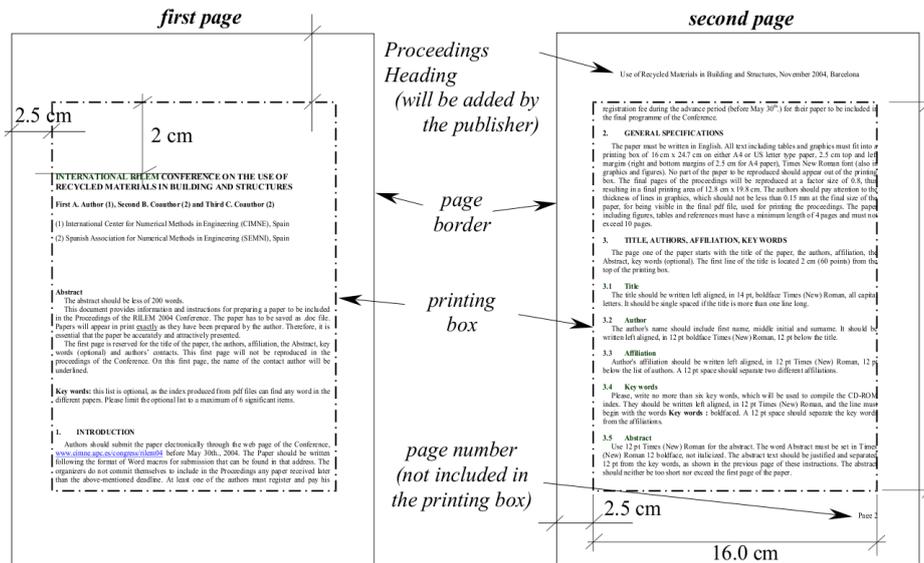


Figure 1. Page layout

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.

Figures must be included in the text after being referenced or added at the top of the next page.

## 9 Equations

All displayed equations must be 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:

$$\left. \begin{array}{l} Ax = b \\ Ax = b \end{array} \right\} \tag{2}$$

## 10 Tables

All tables should be numbered consecutively and captioned. The caption title should be written centered, in 10pt Times New Roman, according with the example in Table 1.

**Table 1.** Example of construction of a table

First column	Second column	Third column
C11	C12	C13
C21	C22	C23
C31	C32	C33
C41	C42	C43
C51	C52	C53

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

## 11 Format of References

References should be cited in the text according to APA style -e.g. the service life (ISO/TC 59/SC 14, 2008), green materials (Wang & Liu, 2019; Xu et al., 2022), hazards management (Zeng et al., 2022), intelligent construction (Magoua et al., 2022), and sustainable development (Liu et al., 2021) are all important topics. References should be grouped together at the end of the Full Paper in alphabetical order as shown in these instructions. The non-numbered list of references Section must be written in 10pt Times New Roman letters.

## 12 Instructions for the 2-page Extended Abstract

The 2-page extended abstract should be structured in a similar manner than the Full Paper. It must contain the main ideas, aims, methodologies, results and conclusions. Full Paper Instructions are also valid for the Extended Abstract with these additional requirements:

- Two pages length
- No Abstract section
- Max two Figures
- Max two Tables
- Max ten references

## 13 Conclusions

- Full Paper and the 2-page extended abstract should be electronically submitted via the web page of the Conference by **March 31, 2023**. Both submissions are mandatory. The Full Paper and the extended abstract should be written following this template and macros for submission, or their equivalent in L<sup>A</sup>T<sub>E</sub>X. The files have to be translated into Portable Document Format (PDF) before submission via the Conference site.
- The submitted Full Paper, as well as the extended abstract, will be reviewed by the Scientific Committee with the resulting feedback with the corresponding author. The organizers do not commit themselves to include in the Proceedings any Full Paper received later than the above-mentioned deadline. The corresponding author and/or the speaker is expected to register and pay his/her registration fee for the paper to be included in the technical program and proceedings of the Conference. Note the early-bird registration starts from **January 1, 2023 to June 30, 2023**, and reduced tariffs are offered for registration during this period.

## Acknowledgements

An optional non-numbered Acknowledgements Section can be included after the concluding/discussing Section. Heading must be 10pt Times New Roman boldface letter, and the text must be 10pt Times New Roman standard.

## ORCID

The authors' ORCID can be provided, in 10pt Times New Roman, as in the example:

Dongping Fang: <http://orcid.org/0000-0002-1971-9045>

Nan Li: <http://orcid.org/0000-0002-7272-4273>

Junjie Wang: <http://orcid.org/0000-0002-1148-777X>

## References

- ISO/TC 59/SC 14. (2008). *ISO 15686-8: Buildings and constructed assets - service-life planning - part 8: Reference service life and service-life estimation*.
- Liu, B., Wang, T., Zhang, J., Wang, X., Chang, Y., Fang, D., . . . Sun, X. (2021). Sustained sustainable development actions of china from 1986 to 2020. *Scientific Reports*, *11*(1), 8008.
- Magoua, J. J., Wang, F., & Li, N. (2022). High level architecture-based framework for modeling interdependent critical infrastructure systems. *Simulation Modelling Practice and Theory*, *118*, 102529.
- Wang, J., & Liu, E. (2019). Additions of different calcium carbonate minerals in cement to increase material greenness. In *Proceedings of the 1st international conference on innovation in low-carbon cement & concrete technology ilccc2019, 24-26 june 2019, london, uk*.
- Xu, L., Wang, J., Li, K., Lin, S., Li, M., Hao, T., . . . Wang, T. (2022). A systematic review of factors affecting properties of thermal-activated recycled cement. *Resources, Conservation and Recycling*, *185*, 106432.
- Zeng, Q., Pang, X., & Li, K. (2022). Kinetics of low radioactive wastewater imbibition and radionuclides sorption in partially saturated ternary-binder mortar. *Journal of Hazardous Materials*, *422*.