Paper Preparation Guide and Submission Instructionsfor

BuildSim-Nordic 2022, Copenhagen

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*(The names and affiliations SHOULD NOT be included in the draft submitted for review)*

*(leave blank up to line 10 – remove line numbering from final version)*

# Abstract

This document explains how to prepare a paper for submission to the **BuildSim-Nordic 2022, Copenhagen**. It also includes the instructions for submission. This file can also be used as a template if you are using MS-Word. In this case you can use the defined styles in the Style Gallery to format the headings and paragraphs in the document.

# Introduction

In this section, we describe the general layout of the paper. The paper should be prepared in A4 size, portrait oriented, with 25 mm margins at top and bottom, and 20 mm margins at left and right. Times New Roman should be used for the entire document with different style at different part of the paper, as explained in following sections. **The required number of pages for submission is 6 to 8 pages. Please do not add page numbers, headers or footers.**

The paper includes 2 parts (upper part and the main body) with different subparts and sections. Mandatory - in bold - and optional sections (recommended but not limited to) are:

Top part

**Title**

**Authors**

**Authors’ affiliations**

Main body

**Abstract**

**Introduction**

Methods

Results

Discussion

**Conclusion**

Aknowledgments

Nomenclature

**References**

Optional parts can be replaced according to the needs but the order should be preserved.

Second level paragraphs are acceptable. Lower level paragraphs are discouraged.

Do not leave empty lines between titles, paragraphs and figures in the main body. Use paragraph spacing above and below titles and paragraphs as specified in the following.

In case you use MS-Word, you can refer to the predefined styles in the gallery included in this template (in alphabetical order):

Authors

Captions

Equation

Figure

List (bulleted)

List (numbered)

Heading 1

Heading 2

Normal

Reference

Tables

Title

# Parts of the paper:

## Upper part

The upper part of the paper on the first page is used for the title of the paper, list of authors, and authors’ affiliation. This section always consists of 10 lines of exactly 14 points spacing, in single column format as also explained in the upper part.

## Title, authors, and authors’ affiliations

Titles (*you can use the Titles style in words*) should be in bold font size 12 points. Do not use more than 2 lines for the title, and try to limit it to ten words. Authors (*you can use the Authors style in word*), authors’ affiliations, and other information should be in font size 12 points. In case of more than one affiliation, reference superscripts after the author’s names and before the corresponding affiliation will be added as shown.

Authors’ affiliations (*always in Authors style*), can include contact (e-mails, telephone numbers, postal address, etc.). However, the 10 lines limitation applies. If you need less than 10 lines for all the information, please leave the remaining lines blank.

## Main body

The rest of the document, which is the main body of the document, is configured in two-column format, with a space of 80 mm between the two columns. The space between the columns should be centred on the paper. Line spacing is exactly 12 points.



Figure 1: A gentle reminder.

The main text should be typed in Times New Roman 10-point font, justified, with 3 points spacing below each paragraph (you can use h *the Normal style in word*).

The headings of each section should use font size of 12 point, capitalized, with 3 and 3 points spacing above and below (*select Heading 1 style*). The headings of the subsection should use 10 points size and bold style, with 3 points spacing below (*select Heading 2 style*). Left alignment is used for headings. Both the sections and subsections **should not** be numbered.

## Abstract

The abstract of the paper should be about 100 words.

Abstracts must clearly identify (i) what is the current state of the art, (ii) what are its deficiencies, (iii) what methods have been applied, (iv) what are the results, and (v) what is the lasting contribution of the submission.

## Figures and Tables

Figures and Tables are preferably included in the text where they are discussed. In the case of figures, select the “In line with text” from the layout options if you use MS-Word. A centred alignment with 3 and 3 points spacing above and below is required (*you can use Figure style in word*). Both figures and tables must have a number and caption. Figure 1 (*refer as just stated to a figure in the text)*) is an example of a graph in the text. Captions (*use Captions style*) always follow the figure in italic font size 10 points, and centred, with 3 and 3 points spacing above and below. If figures authorship does not belong to one of the authors, authors are required to ask to the copyright owner the permission to use that material and to provide a proof that the permission has been accorded. Figure 2 is an example of an oversized figures (or tables). The layout of oversized figures or tables have to be properly adjusted so that they appear at the top or the bottom of the page. **Color images are welcome.**

Table 1: Example of a table.

|  |  |  |
| --- | --- | --- |
| **Heading 1** | **Heading 2** | **Heading 3** |
| Entry 1 | Entry 2 | Entry 3 |

Table 1 shows an example of a table, where the caption should be on the top of the table, with the same format as figure captions. Text in tables can be in font size of 9 points and centred, with no spacing above and below (*use Tables style*).

## Equations and units

Each significant equation or formula should be displayed on a separate line. Centre equations and place consecutive equation numbers flush right in parentheses. For example,

If you use MS-Word, use the Equation style and use tabs to position equations and equation numbers correctly.

Mathematical symbols should be clear and avoid ambiguities. Keep using font size 10 points. Symbols representing physical quantities (or variables) are italic. Symbols representing units, operators, labels and numbers, are regular (upright).

Equations should be referenced in the text by their number (1). A brief description of the symbols used in your paper should be added in a nomenclature section at the end of the text or in line with the text where the symbols are first used.

 *a*2 + *b*2 = *c*2 (1)

SI units of measurement are mandatory. If other units are mentioned, always provide their equivalent value according to SI.

## References

All publications cited in the text should be listed at the end of the Main body in a References section, in alphabetical order of the family name of the first author. From the second line on, each entry should be indented by 5 mm. Justified alignment with 3 and 3 points spacing above and below each paragraph must be used (*you can use Reference style in word*). Examples of reference style are reported in the reference section below for journals, conference proceedings, books and technical standards.

## Bulleted and numbered lists

Numbered and bulleted lists must be justified, with no indentation, and 5 mm hanging. You may use List (bulleted) or List (Numbered) styles in MS-Word.

# If you use MS-Word

You can use the .docx document as a template if you use MS-Word. Please use the style for each section as has been defined in the template. You can either use the template, rename it, and cut-and-paste your paper from other document(s) into the template, or you can use your document, open style organizer (Format – Style and then click “organizer”), delete all your styles and import the styles from the template.

If you use the template, do not forget to disable the line number on the Top section of the first page before you submit the paper and cancel instructions comments (*in brackets and italic fonts*).

# If you use LaTeX

Use the LaTeX template which can be downloaded from the conference website. The zipped folder contains:

**Template.tex**: a fill-in form for a standard article with usage comments. Please copy it to a new file with a new name and use it as the basis for your article.

**References.bib**: is a plain text containg the database of the references used for the format guide.

**BSN2022-Nordic.bst**: is the bibliography style of the confernce proceedings.

# Submission instruction

1. To enable the blind review process please do not include your name and affiliation on the draft submitted for review.
2. Convert your entire document to PDF format.
3. An additional doc/latex version of the manuscript can be optionally added. In this case a single .zip file including both the .pdf and the doc/latex files of your contribution shall be uploaded.
4. Papers must be 6 to 8 pages long.
5. As your file name, use BSN2022 followed by your submission ID.Avoid use of special characters.
6. The maximum file size is 10 MB. Use vector graphics where possible to reduce your file size.

If your paper has not met all the requirements for submission, your file **will not be processed**.

# Conclusion

This paper has shown how to prepare a paper for submission to BuildSim-Nordic 2022 Conference.

# Acknowledgement

This document is a summary and a modification of various documents from previous Building Simulation Conferences.

# References

[*Examples for Journal papers*]

 AuthorFamilyName, AuthorNameInitials. (year). Title. *Journal Volume(Issue)*, StartPage-EndPage.

Chu, S. and A. Majumdar (2012). Opportunities and challenges for a sustainable energy future. *Nature 488*, 294–303.

Clarke, J. (2015). A vision for building performance simulation: a position paper prepared on behalf of the IBPSA Board. *Journal of Building Performance Simulation 8*(2), 39–43.

 [*Examples for conference papers*]

AuthorFamilyName, AuthorNameInitials. (year). Title. *Proceedings from ConferenceName*. City (Country), Date.

Monarim, F., & Strachan, P. (2014) Coupling stochastic methods and detailed dynamic simulation programs for model calibration.*Proceedings from BSO2014: Building Simulation and Optimisation Conference*. London (UK), 23-24 June 2014.

[*examples for books and chapters in books*]

AuthorFamilyName, AuthorNameInitials. (year). *BookTitle.* PublishingHouse. City (Country).

AuthorFamilyName, AuthorNameInitials. (year). ChapterTitle. In AuthorFamilyName, AuthorNameInitials. *BookTitle.* PublishingHouse. City (Country).

Hensen, J.L.M., Lamberts R. (edited by). (2011). *Building Performance Simulation for Design and Operation*. Routledge. London (UK).

Mahdavi A. (2011). People in Building Performance Simulation. In Hensen, J.L.M., Lamberts R. *Building Performance Simulation for Design and Operation*. Routledge. London (UK).

 (*Examples for techical standards*)

OrganizationName (year). Title.

International Organisation for Standardisation (2017). *Energy performance of buildings -- Sensible and latent heat loads and internal temperatures -- Part 1: Generic calculation procedures (ISO 52017-1)*.

Example of an oversize figure

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Figure 2: The author will be required to accept these conditions when they submit their paper via the web site. Please **DO NOT** include this disclaimer in your paper. You will be required to accept these conditions when you submit your paper via the web site.