NVHH2023-0000

**Conference paper template for authors**

X. Author1\*, Y. Author2, Z. Author1

1University Name, Department Name, City, Country

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**Abstract**

This document contains helpful information for the preparation of the manuscript for the NVHH2023 conference. Including the layout, illustration, text style and referencing guidelines are interpreted as your paper will appear in the proceedings. It is highly advised to follow these guidelines to keep uniformity between submissions as much as possible. Please send any comments or questions by e-mail to NVHH@gpk.bme.hu

**Keywords:**

Instructions; Conference Paper

1. **Introduction**

The goal of this template is to achieve uniformity in the papers appearing in the NVHH 2023 Conference. The typography, layout and style used in these instructions are the same as you should use when preparing your paper. The papers will be attached to the proceedings ‘as is’. No final corrections will be made by the publisher.

The paper must be sent in MS Word docx or doc format.

The official language of the Conference is English. Papers written in other languages will not be accepted.

The final paper must be at least four (4) pages long but not exceed eight (8) pages in length. Every paper will be numbered separately. Please leave the numbers in the footer and do not modify them.

1. **Authors**

The paper title and authors should be exactly in the format as indicated in this template to maintain uniformity throughout the proceedings.

Affiliations of authors should be indicated by superscript numbers as in the example. Do not use academic titles (Prof. Dr. etc.).

1. **Paper formatting**
	1. **Print area**

The paper size is A4 (210mm x 297mm). Set the page margins to 20 mm for the top margin and 18 mm for bottom, 20 mm for left, and 20 mm for right.

* 1. **Title**

Put the title directly under the top margin. The title should be in Times New Roman 14 point bold centred. Use capitals as indicated in the title of this example. The authors section should be in Times New Roman 10 point normal.

* 1. **Abstract**

Your abstract should not exceed 100 words. It should provide a brief summary of the contents of your paper. Begin typing your abstract 90 mm from the top margin. It should be centred across the page, indented 12 mm from the left and right page margins and justified. The heading Abstract should be typed in Times New Roman 10 point bold font. The body of the abstract should be in Times New Roman 10 point normal.

* 1. **Keywords**

Leave one carriage return between the abstract and the keywords.

The heading Keywords should be in Times New Roman 10 point bold. The keywords should be in Times New Roman 10 point normal, separated with semicolons.

Select keywords that can be used to identify the subject of your paper.

* 1. **Paper body**

Begin typing your paper 130 mm from the top margin. Use a two-column format, and set the spacing between the columns at 5 mm, so that column width is 82,5 mm.

* 1. **Font and line spacing**

Times New Roman 10 font must be used. Please do not use other fonts. Follow this rule also in figures.

If it is necessary to use another font, please embed the font to the document (Word options – Save – check embed fonts in the file)!

The line spacing should be set at single spacing ‘at least 10 points’. Leave 3 points after each paragraph.

* 1. **Headings and heading spacing**

We recommend using no more than three levels of headings, indicated in these instructions as Heading 1, Heading 2 and Heading 3. The styles for these headings are included in this Word template.

Avoid loose Headings to appear at the bottom of a page.

**Heading 1**

Indicating the major parts of your paper, use the Heading 1 Style with numbering beforehand. This style is used for the following section headings in this text: Introduction, Formatting the paper, etc.

The style for Heading 1 is Times New Roman 11 point bold. The numbering is used with a 5 mm hanging indent to accommodate the number and 3 point spacing after the heading.

* 1. **Heading 2**

To denote logical subsections of major sections, use the Heading 2 style. Number the subsections accordingly. In these instructions, for example, the subsections of Section 3 are numbered 3.1, 3.2, 3.3, etc.

The style for Heading 2 is Times New Roman 10 point bold with a 7.5 mm hanging indent to accommodate the number and 3 point spacing before and after the heading. Begin typing the text in the line beneath the heading.

*Heading 3*

To denote further divisions of a subsection, if relevant, use Heading 3. These divisions are not numbered. The style for Heading 3 is Times New Roman 10 point italic placed to the left margin, with 3 point spacing before and after the heading. Begin typing the text in the line beneath the heading.

1. **Text**
	1. **Terminology and Symbols**

We recommend that authors adopt the common scientific terminology and that they use SI units.

* 1. **Style**

The following list summarizes several important points of style to keep in mind when preparing your paper for the NVHH 2023 Conference:

* Do not use underlining in your paper.
* Use bold for emphasis but keep its use to a minimum.
* Use a consistent spelling style throughout the paper (US or UK).
* Use single quotes.
* Use %, not percent.
* Do not use ampersands (&) except as part of the official name of an organization or company.
* Keep hyphenation to a minimum. Do not hyphenate ‘coordinate’ or ‘non’ words, such as ‘nonlinear’.
* Do not end headings with full stops.
* Leave one character space after all punctuation.
	1. **Mathematic expressions and equations**

Equations should be placed to the left margin and numbered at the right margin. Leave 6 points before and 6 points after the equation, as indicated in the Equation style on the Word template.

|  |  |
| --- | --- |
| $\left(n\_{H,k}(rpm), a\_{H}(m)\right)≈\left(\frac{60\left(\frac{s}{min}\right) ω\_{n}(Hz)}{Z (k- σ\_{0} / 4)}, \frac{4 π k 2 ζ(1+σ\_{0}ζ) σ\_{0}}{K\_{ct} Z β\_{0 }}\right)$ ,  | () |
| $\left(n\_{F,l}\left(rpm\right), a\_{F,l}\left(m\right)\right)≈\left(\frac{120\left(\frac{s}{min}\right) ω\_{n}(Hz)}{Z l}λ\_{F,l},\frac{ 2 π k ζ λ\_{F,l} σ\_{0}}{ K\_{ct} Z β\_{0} r\_{β,l}}\right)$ , | () |

For equation font sizes, use 10 point for full size, 8 point for subscript and superscript, and 6 point for sub-subscript and sub-superscript.

Use italics for variables (*u*); bold for vectors (no arrows) (**u**); bold italic for variable vectors (***u***) and capital bold (**U**) for variable matrices. Use ith, jth, nth, not ith, jth, nth. The order of brackets should be {[()]}, except where brackets have special significance.

* 1. **Lists**

Mark each item with a solid bullet ‘●’ or with an Arabic numeral followed by a full stop, e.g., 1. 2. 3. and so on. Be consistent in marking list items.

Refer to Section 4.2 for an example of a bulleted list. Following is an example of a numbered list:

1. For complete or near complete sentences, begin with a capital letter and end with a full stop.
2. For short phrases, start with lower case letters and end with semicolons.
3. Do not capitalize or punctuate single items.
4. Use a colon to introduce the list.
5. **Figures and Tables**

Make sure that all graphical content is sharp and printable in sufficient quality (at least 300 dpi, CMYK). It is possible to use both grayscale and coloured graphics.

Lines should be thick enough to allow proper reproduction in printed and in electronic formats as well.

When preparing figures and tables, make sure that all lettering inside the figure is no smaller than the size of the paper text - 10 point.



Figure 1: The NVHH 2023 logo

Take care that figures copied from other sources do not contain Asian fonts!

Number figures and tables consecutively, e.g., Fig. 1, Fig. 2, Fig. 3; Tab. 1, Tab. 2, Tab. 3. See Fig. 1 and 2 for examples of figure and caption placement. Refer to Tab. 1 for an example of a table centred across two columns.

Each figure and each table must have a caption. Captions should be centred at the foot of the figure and typed in the same 10 point font used in the paper but italic. Begin the



Figure 2 Diagram of the system

caption with a capital letter and end with a full stop. Always refer to figures as ‘Fig.’. Leave 6 point spacing between the figure and the caption. Place the figure or table on the text page as close to the relevant citation as possible, ideally at the top or at the bottom of a column. If a figure or table is too large to fit into one column, it can be centred across both columns at the top or the bottom of the page. Make sure that it does not extend into the page margins. Do not wrap the text around the figures. The figures have caption below the figure. The tables have caption above the table.

1. **Summary**

This paper summarizes the instructions for preparing an electronic publishing paper for the proceedings of the NVHH 2023 International Conference.

1. **Acknowledgements**

If you wish to express gratitude to all who contributed to your paper, please put this section into your text.

1. **References**

Relevant works previously published must be cited in the reference list. List the references at the end of the paper, in order of appearance in the text.

References are to be marked in the text by numbering them in appearing order (in square brackets), e.g. [1], [2,3] or [1-3]. Only those publications actually cited in the paper can be included in the list of references. Do not use the at al. expression, just the numbering. Please follow the format for references as follows:

**Journal papers**:

[] A. A. Author1, B. B. Author2, *Title of paper*. Journal, months (if applicable) year, volume number, issue number, page numbers (first-last), DOI (if applicable)

**Proceedings papers**:

[] A. A. Author1, B. B. Author2, *Title of paper*. In: B. B. Editor, ed. (if applicable) Title of conference proceedings including place and date of conference, Place: Publisher, page numbers (first-last), ISBN (if applicable)

**Technical reports or thesis**:

[] A. A. Author1, B. B. Author2, *Title of report/thesis*. Identification code. Location: Institute or Publisher, year.

Table 1: Example for two column tables

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **column 1** | **column 2** | **column 3** | **column 4** | **column 5** |
| row 2 | row 2 | row 2 | row 2 | row 2 |
| row 3 | row 3 | row 3 | row 3 | row 3 |