Instructions to Authors for HSCI 2022 - Full Paper

*Author(s) Name(s) (First and last names)*

*Author Affiliation(s). Center, Town, Country*

*E-mail principal author*

**Abstract.** These instructions give you guidelines for preparing papers for the HSCI2020 conference. Use this document as a template. Define all symbols used in the abstract. Do not cite references in the abstract. The abstract is to be in fully-justified text, at the top of the left-hand column as it is here, below the author information. Use the word “Abstract.” in 12-point Arial, boldface type, left positioned, initially capitalized, followed by the abstract in 11-point, single-spaced type, up to 100 words long. Paragraph have to present a posterior spacing of 10-points.

**Keywords.** Arial, 11 pt. About four, alphabetical order, key words or phrases, separated by commas. A posterior spacing of 10-points is needed.

**1. Introduction**

This is an example of HSCI conference submission. These guidelines include complete description of the paper style including formatting, fonts, spacing, and related information for producing your proceedings manuscripts. Please follow them and if you have any questions, send them via e-mail to the conference organizers: president@hsci.info

**2. Paper organization and formatting**

All papers should be written in English and must have **between three and twelve pages long**, and arranged in the following order:

* Main title
* Author(s), affiliation(s), full and e-maila ddresses
* Abstract
* Keywords
* Main text
* Acknowledgements
* References

Paper size is A4: 21x29.7 cm (8.3x11.7"). Margins (top, bottom, left, right) are 2.0 cm (0,787"). All *text* must be in a two-column format. Text must be fully justified. Indent each paragraph by 0.5 cm (0.2").

**3. Main title**

The main title (on the first page) should be centred, and in Arial 14-point, boldface type. Capitalize the first letter of nouns, pronouns, verbs, adjectives, and adverbs; do not capitalize articles, coordinate conjunctions, or prepositions (unless the title begins with such a word). A posterior spacing of 10-points is needed.

**4. Author name(s) and affiliation(s)**

Author names and affiliations are to be centred beneath the title and printed in Arial 12-point, non-boldface type. Author name is presented with initial of first name(s) and last name for any authors. For multiple authors, affiliations are centred below each author name, italicized, not bold. Finally, include also e-mail addresses of principal author. A posterior spacing of 10-points is needed.

**5. First-order headings (may extend to the next line)**

For example, “1. Introduction”, should be Arial 12-point boldface, initially capitalized, flush left, with a posterior spacing of 10-points. Use a period (“.”) after the heading number, not a colon. For *long* headings use *a hanging indent* aligning the text to the right of the heading number as shown above.

**5.1. Second-order headings**

As in this heading, they should be Arial 12-point boldface, initially capitalized, flush left, with a posterior spacing of 10-points. Use a hanging indent for long headings.

**5.1.1. Third-order headings**

Third-order headings, as in this paragraph, are discouraged. However, if you must use them, use 12-point Arial, boldface, initially capitalized, flush left, with a posterior spacing of 10-points. Use a hanging indent for long headings.

**6. Main text**

Type your main text in 11-point Arial, single-spaced. Do not use double-spacing. All paragraphs should be indented 0.5 cm (0.2"). Be sure your text is fully justified—that is, flush left and flush right. Please do not place any additional blank lines between paragraphs. A paragraph have to present a posterior spacing of 10-points.

**6.1. Figures**

All figures are to be included within the text. Figure captions are to be below the figures, in 10-point Arial, boldface. Initially capitalize only the first word of each figure caption. Figures are to be numbered consecutively with Arabic numerals throughout the paper, for example: “Figure 1. Database contexts”, and are referred to in the text as Fig. 1, Fig. 2, etc.

Illustrations, photographs and graphs are considered as figures. All graphics should be centred. Your artwork must be in place in the article (preferably printed as part of the text rather than pasted up). Supply the best quality photographs and illustrations possible.



**Figure 1. Arial, 10 points, boldface, posterior spacing of 10-points**

**6.2. Tables**

All tables are to be included within the text. **Table titles** are to be *above* the tables, in 10-point Arial, boldface. Initially capitalize only the first word of each table title. Tables are to be numbered consecutively with Arabic numerals throughout the paper, for example: “Table 1. Input data.” and are referred to in the text as Table 1, Table 2, etc. Column headings should be as brief as possible.

**Table 1. Arial, 10 points, boldface, posterior spacing of 10-points**

|  |  |  |
| --- | --- | --- |
| **Factors** | **Brief description** | **%** |
|  |  |  |
|  |  |  |
|  |  |  |

**6.3. Equations**

Equations should be numbered serially on the right-hand side by Arabic numerals in parentheses, and referred to in the text by citing the equation number.

**7. Acknowledgements**

Acknowledgements, if necessary, should appear in a separate paragraph preceding the references. Final paragraph have to present a posterior spacing of 10-points

**8. References (and Notes)**

List and number all bibliographical references, in 11-point Arial, single-spaced, with a hanging indent, at the end of your paper. When referenced in the text, enclose the citation number in square brackets, for example [1]. Use the style of the references shown below for: authored book [1], edited book [2], journal article [3], paper in conference proceedings [4], web resource [5].

[1] Nelson DL, Cox MM. Lehninger Principles of biochemistry, London: Macmillan Education, 2017.

[2] Serret N, Earle S (Eds.). ASE Guide to primary science education. Hatfield: The Association for Science Education, 2018.

[3] Renn O, Webler T, Rakel H, Dienel P, Johnson B. Public participation in decision making. A three-step procedure. Policy Sci., 1993, 26, 189-214.

[4] Mandíková D, Drozd Z. Physics Education from the Cradle to the Grave. Hands-on Science. Growing with Science, Costa MFM, Dorrío BV (Eds.), 79-83, AE André Soares, Braga, Portugal, 2017.

[5] <http://hsci.info/hsci2022/>

**Note:**

**All the communications to HSCI2022 will be included in the book “Hands-on Science. Rethinking STEAM education in times of uncertainty Teaching and Learning”. Every four years a volume of the SELECTED PAPERS ON HANDS-ON SCIENCE (http://www.hsci.info/books.php) will be published reuniting a selection of the most relevant works presented at HSCI conferences.**