Tipo de artículo

Instructions for preparation and submission of papers for publication in EASI Journal

Add the title in a different language if needed

# First Author(a), Second Author(a), Third Author(b), Fourth Author(c), Fifth Author(c)

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| © 2024 The Authors. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY-NC-ND) license (<https://creativecommons.org/licenses/by-nc-nd/4.0/deed.en>).Peer review under responsibility of EASI Scientific Committee Submitted: October xx, 20xx Revised: November xx, 20xx Accepted: December 15, 2021https://doi.org/10.53591/easi.v2i3.xxxxHow to cite this article:First Author et al. (2024). Instructions for preparation and submission of papers for publication in EASI journal. *EASI: Engineering and Applied Sciences in Industry*, 2(1), 1-9. https://doi.org/10.xxxxCorresponding author: somebody3@elsewhere.com (Second Author) | Abstract. This document-template provides detailed instructions for preparing and submitting a paper to the Journal of Engineering and Applied Sciences in Industry (EASI). Please follow these instructions: a) type the body of the paper in a single column; b) use preferably no more than 6000 words for body text in A4 format (210 x 297mm), each page formatted with 2.54 cm (1 in) margins on all sides (do not print any border around the text and do not insert page numbers); c) use 10 pt Times New Roman throughout the body, except for the title and affiliations; d) type up to 200 words in the abstract (manuscripts in English does not need to provide the abstract in Spanish) ; e) always use single-spaced lines, justified alignment; f) quote in-text reference using basics of APA format, 7th edition, e.g. “...of mechanical forces (Sendak, 2015)…”, and list 40 high-quality manuscripts approximately arranged in alphabetical order; g) supply good quality figures/photographs (up to 300dpi); h) define all symbols as they appear in the text; i) use only SI units. The journal uses metadata for indexing submissions (Dublin Core,TM). The paper may be written in English (preferred) or Spanish. |

**Keywords:** First keyword, Second keyword, Third keyword (up to 5 keywords). We encourage you to include keywords that are currently most searched by colleagues from around the world.

**Resumen.** Esta plantilla proporciona instrucciones para preparar un artículo a la Revista de Ingeniería y Ciencias Aplicadas en la Industria (EASI). Siga estas instrucciones: a) cuerpo del artículo en una sola columna; b) utilice no más de 6000 palabras en el texto en formato A4 (210 x 297 mm), cada página formateada con márgenes de 2,54 cm (1 pulgada) en todos los lados; c) usar Times New Roman de 10 pt en todo el cuerpo, a excepción del título y la afiliación de los autores; d) escribir hasta 200 palabras en el resumen (en caso de redactar el contenido en idioma español o portugués, deberá adicionar el resumen en idioma inglés redactado correctamente); e) utilizar interlineado sencillo en el cuerpo del artículo, alineación justificada; f) citar referencias en formato básico APA, 7.ª edición, e.g. “...de fuerzas mecánicas (Sendak, 2015)…”, y coloque las referencias en orden alfabético al final del artículo; g) suministrar figuras de buena calidad (hasta 300 dpi); h) definir todos los símbolos y variables tal como aparecen en el

texto; i) usar solo unidades SI. La revista utiliza metadatos para indexar envíos (Dublin Core,TM). El documento puede estar escrito en inglés (preferido) o español.

**Palabras claves:** palabra 1, palabra 2, palabra 3, palabra 4 (5 palabras máximo)

1. INTRODUCTION

 All manuscripts to the journal must be submitted online at <https://revistas.ug.edu.ec/index.php/easi>. Full versions of all published papers will remain available in the journal web site. It is therefore extremely important that you prepare the digital version of your contribution in accordance with the present instructions.

The section titles follow the standard structure accepted for most manuscripts for journals (after the Title and Abstract): Introduction, Materials and Methods, Results and Discussion and Conclusions.

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1. TYPING INSTRUCTIONS

 The paper must be written in English (preferred), Portuguese or Spanish.

##### Paper length

The full paper including figures and tables should be preferably no longer than 6000 words in A4 format (210 x 297mm). Please limit your paper by writing concisely, rather than by reducing figures or tables to a size at which symbols/labels become easy to read. The final PDF file should be smaller than 2 Mb.

##### Page format

Each A4-size page should be formatted with 25.4mm (1 in) margins on all sides. This defines the printable area for all pages. Inside this area, the text must be arranged in a single column after the abstract and keywords. Please do not print any border around the text and do not insert page numbers.

 The final paper should look like this document.

##### General text specifications

 The paper must be typed using 10 pt Times New Roman throughout the text, as in the present document. This includes title, headings, figure and table captions. The first page must include the paper title, authors/affiliation, abstract and keywords. Manuscripts in Spanish must contain an abstract written in English.

 ***Paper title***

The title should be in boldface type, left-aligned on the page and must not exceed three lines. It should be single spaced if longer than one line. Skip one line (12 pt) between the title and the first author.

 ***Author(s) and affiliation***

 Type no more than five authors’ names in boldface type, flush left, one per line, including first name and last name to reduce perceived predation risks and post-conflict affiliation (Logan, C. et al., 2013). Each name or group of names must be followed by the corresponding affiliation (8 pt), which should be in regular type (neither boldfaced nor italicized). Skip two lines (24 pt) between the last affiliation and the abstract.

 ***Abstract and keywords***

Type the heading **Abstract** in the second column, in boldface and flush left, followed by a period. On the same line, type the abstract in Times new roman 10, left-aligned. The abstract should be no longer than 200 words. Skip one line, then type the heading **Keywords*:*** (don't forget the colon) in boldface, flush left and type 3 to 5 keywords, separated by commas, with only the first letter of each keyword capitalized.

 ***Headings***

Type a first-level head in all capital letters, boldface type, flush left. Begin by typing the Arabic number followed by a period, and then type the head title. Leave one blank line above and one below this head.

 For a second-level head, capitalize only the first letter, using boldface type, flush left. Begin by typing the double number and then type the sub-head title. Leave one blank line above and one below this head.

 Do not number third-level heads. Use boldface italics, capitalizing only the first letter and indenting 0.75 cm from the left margin. Leave one 10pt-blank line above this head.

 ***Body of text***

The text should be typed using single-spaced lines and justified alignment. Start each paragraph 0.75 cm from the left margin and allow no space between paragraphs.

##### Equations, symbols, and units

 Indent an equation center. Number it with an Arabic number enclosed in parentheses placed flush right. Allow one blank line above and one below an equation. For example:

 $\frac{ds}{dt}=A\_{s}-\frac{β\_{s}S\left(α\_{a}A+α\_{i}I+α\_{h}H\right)}{N} - δ\_{s}S$ (1)

When referring to an equation in the text write "Eq. (1)," except at the beginning of a sentence, where "Equation (1)" should be used. i.e. “all variables listed in Eq. (1*)* relate to the rate of change of susceptible individuals…” (Khajanchi, S., et al., 2021).

Symbols should be italicized throughout the text. Define all symbols as they appear in the text. A nomenclature section is not necessary.

 All data, including those shown in tables and figures, must be reported in SI units. Decimal points rather than commas should always indicate decimals (3.14, not 3,14.). The zero digits shall not be omitted before a decimal point: 0.25, not .25. Williamson, A. (2008) said “For most numbers, the convention can be discerned from the context or from other values in the same paper. But authors, editors, and readers should be aware of the difference.

##### Figures and tables

 Figures and tables should be inserted as close as possible to their mention in the text. Enclosed text and symbols must be clearly readable; avoid small symbols. Use good quality pictures and illustrations.

Figures must be professionally edited. Avoid light colors. Dark or patterned backgrounds may be unsuitable for reading. Figures should be inserted into the text and submitted in separate TIFF files. Please submit at 300 dpi or higher. The final ZIP file containing pictures and illustrations should be smaller than 3 Mb. OJS page will provide a special section for you to accomplish this task.

 Figures and tables, and the captions should be centered in the text. Place figure caption below the figure and one 10pt-blank line should be left between both. Place table title above the table, also leaving one blank line between them. Leave one blank line between the table or figure and the adjacent text.

**Table 1.** Coefficients in constitutive relations

|  |  |  |
| --- | --- | --- |
| Constitutive relation | Nomenclature | Value |
| Turbulent tensor | C | 0.09 |
| Turbulent tensor | Cb | 0.69 |
| Lateral lift | CL | 0.08 |
| Virtual mass | CVM | 0.8 |

 From: Graña & Mauro (2010)

 Arabic numerals should be used in figures and tables (e.g., Figure 1, Figure 2, Table 1, Table 2). Refer to them in the text as “Table 1” and “Fig. 1” (except at the beginning of a sentence, where “Figure 1” should be used).



Figure 1. Pressure variation along the nozzle: experimental data.

 Label coordinates in plots and add the corresponding units. Similarly, label columns/rows in tables and add the units.

##### References

In-text references should be cited according to basic APA format, 7th edition. For example: "In a classical work of Mattiasson, K. (1980)…"

 Approximately 40 high-quality references are expected to be listed according to the order they are cited in the text at the end of the paper. Type the word **REFERENCES** in all capitals, boldface type from the left margin, skip one line and type the reference list. In each reference, indent all lines 0.75 cm. Each reference must be cited in the text. The last page contains an example of a reference list including a book, a proceeding, a journal article, an edited book, and a dissertation based on basic APA.

1. RESULTS AND DISCUSSION

From Victoria University (2022): “Paraphrasing is when you are summarizing the words or expressing the ideas of the author(s) in your own words. When paraphrasing you must acknowledge the original source in the text of your writing. Include the author's surname and year of publication in round brackets, or if including the author(s) name anywhere in the sentence, place the year of publication in round brackets next to the author's name: (Leskowitz, 2017) or Leskowitz (2017).

When paraphrasing there is more than one way to place the citation within your text”.

CONCLUSIONS

Before submitting your paper, please check again to find and correct any errors, to ensure that: (a) the technical content (e.g., formulae, data in tables) is accurate; (b) all elements are properly formatted (e.g., all charts are readable); (c) the paper is written in good English (both spelling and grammar).

Manuscripts not adherence with this layout shall be reformatted by the author(s) or be rejected.

Acknowledgements

This section should follow the conclusions. Type ***Acknowledgements*** in boldface italics, skip one line of space and type the text in regular type.

***Declaration of Conflicting Interests***

 You are responsible for making sure that you have the right to publish everything in your paper. If you use material from a copyrighted source, you may need to obtain permission from the copyright holder. The manuscripts must clearly identify the source of every item that is not original (e.g., text excerpts, illustrations, tables, etc.)

 Please, declare any financial interests or connections, or other issues that might affect third-party interests at the end of your manuscript and prior to reference list. If no declaration is made, the following line will appear instead: ‘None Declared’. Alternatively, you may choose to report that ‘The author(s) declared no potential conflicts of interest within this research, authorship, and/or publication of this article.’.

**REFERENCES**

American Psychological Association (2022, August 9). APA Style references: common reference examples guide, 7th edition. <https://apastyle.apa.org/instructional-aids/reference-examples.pdf>

Usubamatov, R. (2018). *Productivity Theory for Industrial Engineering*. CRC Press. <https://doi.org/10.1201/9781351055468>.

Mattiasson, K., (1980). Numerical results from large deflection beam and frame problems analysed by means of elliptic integrals. *International Journal for Numerical Methods in Engineerin*g, 17(1), 145–153. https://doi.org/[10.1002/nme.1620170113](http://dx.doi.org/10.1002/nme.1620170113).

José Hidalgo, Silvia Coello, Tania Crespo, Yomar González (2019, July 24-26). Household sustainable behavior evaluation and its relationship with socioeconomic indicators in the city of Guayaquil [Conference session]. XVII Laccei international multi-conference for engineering, education and technology (LACCEI 2019), Jamaica. <http://laccei.org/LACCEI2019-MontegoBay/meta/FP55.html>

Khajanchi, S., Sarkar, K., Mondal, J., Kottakkaran, N., et al. (2021). Mathematical modeling of the COVID-19 pandemic with intervention strategies. *Results in physics*, *25*, 104285. <https://doi.org/10.1016/j.rinp.2021.104285>

Logan, C., Ostojić, L., Clayton, N. (2013). Rook, But Not Jackdaw, Post-Conflict Third-Party Affiliation Reduces Aggression for Aggressors. Ethology, 119(5), 427-435. <https://doi.org/10.1111/eth.12078>

Santhanam, B., Sethupathi, P.V.R., Rajendran, C., Ziegler, H. (2021). A Comparative Study on Classical and New Hybrid Continuous-Review Inventory Ordering Policies in a Supply Chain Using Mathematical Models. In: Vipin, B., Rajendran, C., Janakiraman, G., Philip, D. (eds). *Emerging Frontiers in Operations and Supply Chain Management. Asset Analytics*. Springer, Singapore. <https://doi.org/10.1007/978-981-16-2774-3_1>.

Sienz, J., (1994). *Integrated Structural Modelling, Adaptative Analysis and Shape Optimization* [PhD dissertation, University of Wales/Swansea]. https://riunet.upv.es/handle/10251/94307

Zeleke, W. A., Hughes, T. L., & Drozda, N. (2020). Home–school collaboration to promote mind– body health. In C. Maykel & M. A. Bray (Eds.), *Promoting mind–body health in schools: Interventions for mental health professional*s (pp. 11–26). American Psychological Association. <https://doi.org/10.1037/0000157-002>.

American Psychological Association (2022, August 8). APA Style and Grammar Guidelines: In-Text Citations. <https://apastyle.apa.org/style-grammar-guidelines/citations>

Victoria University (2022, August 23). Library guides: APA 7th Referencing: Getting Started in APA 7th. <https://libraryguides.vu.edu.au/apa-referencing/7GettingStarted>

Organización Mundial de la Salud. (2022, Marzo). Preguntas y respuestas sobre sobre los trastornos del espectro autista (TEA). https://www.who.int/es/news-room/fact-sheets/detail/autism-spectrum-disorders

(see [reference style](https://revistas.ug.edu.ec/index.php/easi/reference) for more detail)

Appendix A

**How to format the appendix**

If needed, an appendix can be used to include additional information that doesn´t fit into the body text (e.g., show dataset for regression analysis) after the reference list. If there is more than one appendix, they shall be identified as A, B, C, etc. If there is any, when the appendix must be mentioned into the body text, state this the first time you refer to it: (see Appendix B for dataset).

 Formulae, equations, tables and figures shall follow the same formatting rules as in the main text: Eq. (A.1), Eq. (A.2) and Table A.1; Fig. A.1 respectively.

 The text format is presented as follow: an appendix label appears on the top of the new page, bold and left-aligned. Skip one line (12 pt) between the title and the title. On the next line add the appendix title, bold and centered. The text follows the same formatting rules as in the main text.