

Type the paper title, Capitalize first letter (17pt)

First Author ^{a,1,*}, Second Author ^{b,2}, Third Author ^{b,3} (11pt)

^a First affiliation, Address, City and Postcode, Country (9pt)

^b Second affiliation, Address, City and Postcode, Country (9pt)

¹ Email First Author*; ² Email Second Author; ³ Email Third Author (9pt)

* corresponding author

ARTICLE INFO

ABSTRACT (10PT)

Article history

Received

Revised

Accepted

Keywords

Type your abstract here (10 pt). The abstract should be less than 250 words. The abstract contains a summary that includes the research objectives, the methods used, the main findings, and the implications of the research results. This section should be written concisely, clearly, and informatively so that readers can understand the essence of the study without having to read the entire manuscript. The abstract should also be written in a single paragraph of appropriate length, reflecting the research contribution to the relevant field of study.

This is an open access article under the [CC-BY-SA](#) license.



1. Introduction (*Heading 1*) (bold, 11 pt)

This template refers to the APA 7th Edition template and tetrahedron_Letters_template by Elsevier, modified in MS Word 2007 and saved as a “Word 97-2003 Document” for the PC, which provides authors with most of the formatting specifications needed for preparing electronic versions of their papers. All standard paper components have been specified for three reasons: (1) ease of use when formatting individual papers, (2) automatic compliance with electronic requirements that facilitate the concurrent or later production of electronic products, and (3) conformity of style throughout a JPROTECT template. Margins, column widths, line spacing, and type styles are built-in; examples of the type styles are provided throughout this document and are identified in italic type, within parentheses, following the example. Some components, such as multi-leveled equations, graphics, and tables, are not prescribed, although the various table text styles are provided. The formatter will need to create these components, incorporating the applicable criteria that follow.

2. Method

2.1. Selecting a Template (*Heading 2*)

First, confirm that you have the correct template for your paper size. This template has been tailored for output on the A4 paper size. If you are using US letter-sized paper, please close this file and download the file “MSW_USltr_format”.

2.2. Maintaining the Integrity of the Specifications

The template is used to format your paper and style the text. All margins, column widths, line spaces, and text fonts are prescribed; please do not alter them. You may note peculiarities. For example, the head margin in this template measures proportionately more than is customary. This measurement and others are deliberate, using specifications that anticipate your paper as one part of the entire proceedings, and not as an independent document. Please do not revise any of the current designations.

Before you begin to format your paper, first write and save the content as a separate text file. Keep your text and graphic files separate until after the text has been formatted and styled. Do not use hard tabs, and limit use of hard returns to only one return at the end of a paragraph. Do not add any kind of pagination anywhere in the paper. Do not number text heads-the template will do that for you.

Finally, complete content and organizational editing before formatting. Please take note of the following items when proofreading spelling and grammar:

2.3. Abbreviations and Acronyms

Define abbreviations and acronyms the first time they are used in the text, even after they have been defined in the abstract. Abbreviations such as IEEE, SI, MKS, CGS, sc, dc, and rms do not have to be defined. Do not use abbreviations in the title or headings unless they are unavoidable.

2.4. Units

- Use either SI (MKS) or CGS as primary units. (SI units are encouraged.) English units may be used as secondary units (in parentheses). An exception would be the use of English units as identifiers in trade, such as “3.5-inch disk drive.”
- Avoid combining SI and CGS units, such as current in amperes and magnetic field in oersteds. This often leads to confusion because equations do not balance dimensionally. If you must use mixed units, clearly state the units for each quantity that you use in an equation.
- Do not mix complete spellings and abbreviations of units: “Wb/m²” or “webers per square meter,” not “webers/m².” Spell units when they appear in text: “...a few henries,” not “...a few H.”
- Use a zero before decimal points: “0.25,” not “.25.” Use “cm³,” not “cc.” (*bullet list*)

2.5. Equations

The equations are an exception to the prescribed specifications of this template. You will need to determine whether or not your equation should be typed using either the Times New Roman or the Symbol font (please no other font). To create multileveled equations, it may be necessary to treat the equation as a graphic and insert it into the text after your paper is styled.

Number equations consecutively. Equation numbers, within parentheses, are to be positioned flush right, as in (1), using a right tab stop. To make your equations more compact, you may use the solidus (/), the exp function, or appropriate exponents. Italicize Roman symbols for quantities and variables, but not Greek symbols. Use a long dash rather than a hyphen for a minus sign. Punctuate equations with commas or periods when they are part of a sentence, as in

$$a \text{ } \ast \text{ } b \text{ } \bullet \text{ } \blacksquare$$



Note that the equation is centered using a center tab stop. Be sure that the symbols in your equation have been defined before or immediately following the equation. Use “(1),” not “Eq. (1)” or “equation (1),” except at the beginning of a sentence: “Equation (1) is ...”

2.6. Some Common Mistakes

- The word “data” is plural, not singular.
- The subscript for the permeability of vacuum μ_0 , and other common scientific constants, is zero with subscript formatting, not a lowercase letter “o.”
- In American English, commas, semi-colons, periods, question and exclamation marks are located within quotation marks only when a complete thought or name is cited, such as a title or full quotation. When quotation marks are used, instead of a bold or italic typeface, to highlight a word or phrase, punctuation should appear outside of the quotation marks. A parenthetical phrase or statement at the end of a sentence is punctuated outside of the

closing parenthesis (like this). (A parenthetical sentence is punctuated within the parentheses.)

- A graph within a graph is an “inset,” not an “insert.” The word alternatively is preferred to the word “alternately” (unless you really mean something that alternates).
- Do not use the word “essentially” to mean “approximately” or “effectively.”
- In your paper title, if the words “that uses” can accurately replace the word using, capitalize the “u”; if not, keep using lower-cased.
- Be aware of the different meanings of the homophones “affect” and “effect,” “complement” and “compliment,” “discreet” and “discrete,” “principal” and “principle.”
- Do not confuse “imply” and “infer.”
- The prefix “non” is not a word; it should be joined to the word it modifies, usually without a hyphen.
- There is no period after the “et” in the Latin abbreviation “et al.”
- The abbreviation “i.e.” means “that is,” and the abbreviation “e.g.” means “for example.”

An excellent style manual for science writers is [7].

3. Results and Discussion

After the text edit has been completed, the paper is ready for the template. Duplicate the template file by using the Save As command, and use the naming convention prescribed by your conference for the name of your paper. In this newly created file, highlight all of the contents and import your prepared text file. You are now ready to style your paper; use the scroll down window on the left of the MS Word Formatting toolbar.

3.1. Authors and Affiliations

The template is designed so that author affiliations are not repeated each time for multiple authors of the same affiliation. Please keep your affiliations as succinct as possible (for example, do not differentiate among departments of the same organization). This template was designed for two affiliations.

3.2. Identify the Headings

Headings, or heads, are organizational devices that guide the reader through your paper. There are two types: component heads and text heads.

Component heads identify the different components of your paper and are not topically subordinate to each other. Examples include ACKNOWLEDGMENTS and REFERENCES, and for these, the correct style to use is “Heading 5.” Use “figure caption” for your Figure captions, and “table head” for your table title. Run-in heads, such as “Abstract,” will require you to apply a style (in this case, italic) in addition to the style provided by the drop down menu to differentiate the head from the text.

Text heads organize the topics on a relational, hierarchical basis. For example, the paper title is the primary text head because all subsequent material relates and elaborates on this one topic. If there are two or more sub-topics, the next level head (uppercase Roman numerals) should be used and, conversely, if there are not at least two sub-topics, then no subheads should be introduced. Styles named “Heading 1,” “Heading 2,” “Heading 3,” and “Heading 4” are prescribed.

3.3. Figures and Tables

Positioning Figures and Tables: Place figures and tables at the top and bottom of columns. Avoid placing them in the middle of columns. Large figures and tables may span across both columns. Figure captions should be below the figures; table heads should appear above the tables. Insert figures and tables after they are cited in the text. Use the abbreviation “Fig. 1,” even at the beginning of a sentence.

Table 1.		Table Styles	
Table Head	Table Column Head		
	Table column subhead	Subhead	Subhead
copy	More table copy ^a		

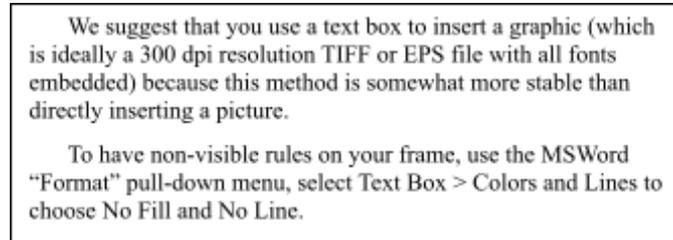


Fig. 1. Example of a figure caption (*figure caption*)

Figure Labels: Use 10 point Times New Roman for Figure labels. Use words rather than symbols or abbreviations when writing Figure axis labels to avoid confusing the reader. As an example, write the quantity “Magnetization,” or “Magnetization, M,” not just “M.” If including units in the label, present them within parentheses. Do not label axes only with units. In the example, write “Magnetization (A/m)” or “Magnetization (A (m(1),” not just “A/m.” Do not label axes with a ratio of quantities and units. For example, write “Temperature (K),” not “Temperature/K.”

4. Conclusion

Provide a statement that what is expected, as stated in the "Introduction" chapter can ultimately result in "Results and Discussion" chapter, so there is compatibility. Moreover, the prospect of the development of research results and application prospects of further studies can also be added into the next (based on result and discussion).

Acknowledgment (HEADING 5)

The preferred spelling of the word “acknowledgment” in America is without an “e” after the “g.” Avoid the stilted expression “one of us (R. B. G.) thanks ...”. Instead, try “R. B. G. thanks...”. Put sponsor acknowledgments in the unnumbered footnote on the first page.

Declarations (HEADING 5)

Author contribution. The contribution or credit of the author must be stated in this section.

Funding statement. The funding agency should be written in full, followed by the grant number in square brackets and year.

Conflict of interest. The authors declare no conflict of interest.

Additional information. No additional information is available for this paper.

Data and Software Availability Statements (HEADING 5)

Data and Software availability statements provide a statement about where data and software supporting the results reported in a published article can be found, including hyperlinks to publicly archived datasets and software analyzed and generated during the study/experiments.

References (HEADING 5)

The main references are international journals and proceedings. All references should be to the most pertinent and up-to-date sources. References are written in APA7 Style. Only **works cited in the text** should be **written on the reference** arranged in **alphabetical order**. Authors are recommended to use at least 25 references. References should be those of the last ten years' publication (>80%), except for key references (80%). Referring to any textbook should be

minimized (<20%). Citations and references should be written using a reference manager, such as Mendeley or Zotero. Please hyperlink the in-text citation with the list of references and use a consistent format for references – see examples below:

Journal

Journal Article: Single author

Ruxton, C. (2016). Tea: Hydration and other health benefits. *Primary Health Care*, 26(8), 34-42. <http://dx.doi.org/doi:10.7748/phc.2016.e1162>

Where a DOI is available, it must be included at the end of the citation. The database name, URL, and date of retrieval are not required.

Journal Article: 2 authors

Aspy, D. J., & Proeve, M. (2017). Mindfulness and loving-kindness meditation: Effects on connectedness to humanity and to the natural world. *Psychological Reports*, 120(1), 102-117. <http://dx.doi.org/doi:10.1177/0033294116685867>

Online Journal Article: No DOI assigned

Craig, P. (2012). Contemporary nutrition issues. *Journal of the Home Economics Institute of Australia*, 19(2), 12-21. Retrieved from <http://www.heia.com.au/>

If a DOI is not available, provide the home page URL of the journal publisher. The retrieval date is not required.

Proceedings

Paper in conference proceedings in print

Game, A. (2001). Creative ways of being. In J. R. Morss, N. Stephenson & J. F. H. V. Rappard (Eds.), *Theoretical issues in psychology: Proceedings of the International Society for Theoretical Psychology 1999 Conference* (pp. 3-12). Sydney: Springer.

Paper in conference proceedings online: Electronic database

Balakrishnan, R. (2006, March). *Why aren't we using 3D user interfaces, and will we ever?* Paper presented at the IEEE Symposium on 3D User Interfaces. <http://dx.doi.org/10.1109/vr.2006.148>

Basic Format for Books

Calfee, R. C., & Valencia, R. R. (1991). *APA guide to preparing manuscripts for journal publication*. Washington, DC: American Psychological Association.

Edited Book, No Author

Duncan, G. J., & Brooks-Gunn, J. (Eds.). (1997). *Consequences of growing up poor*. New York, NY: Russell Sage Foundation.

Edited Book with an Author or Authors

Plath, S. (2000). *The unabridged journals*. K. V. Kukil (Ed.). New York, NY: Anchor.

A Translation

Laplace, P. S. (1951). *A philosophical essay on probabilities* (F. W. Truscott & F. L. Emory, Trans.). New York, NY: Dover. (Original work published 1814)

Article or Chapter in an Edited Book

O'Neil, J. M., & Egan, J. (1992). Men's and women's gender role journeys: A metaphor for healing, transition, and transformation. In B. R. Wainrib (Ed.), *Gender issues across the life cycle* (pp. 107-123). New York, NY: Springer.

Thesis: Unpublished

Zarei, R. (2017). *Developing enhanced classification methods for ECG and EEG signals* (Unpublished doctoral dissertation). Victoria University, Melbourne, Australia.

Thesis: Institutional Repository

Mosek, E. (2017). *Team flow: The missing piece in performance* (Doctoral dissertation, Victoria University, Melbourne, Australia). Retrieved from <http://vuir.vu.edu.au/35038/>

Standard: Retrieved from a Database

Standards Australia, & Standards New Zealand. (2018). *Interior and workspace lighting part 2.5: Hospital and medical tasks* (AS/NZS 1680.2.5-2018). Retrieved from <https://www.saiglobal.com/>

Standard: Print

Standards Australia. (2013). *Gas installations. Part 1, general installations* (AS/NZS 5601.1:2013). Sydney, NSW: Author.

Webpage or Piece of Online Content

Eco, U. (2015). How to write a thesis [PDF file]. (Farina C. M. & Farina F., Trans.) Retrieved from https://www.researchgate.net/...How_to_write_a_thesis/.../Umberto+Eco-How+to+Write+... (Original work published 1977).

If the page's author is not listed, start with the title instead. If the date of publication is not listed, use the abbreviation (n.d.).

Spotlight Resources. (n.d.). Retrieved from https://owl.purdue.edu/owl/about_the_owl/owl_information/spotlight_resources.html

You only need to include a date of access when the page's content is likely to change over time (like, for instance, if you're citing a wiki that is publicly edited).

Purdue University Writing Lab [Facebook page]. (n.d.). Retrieved January 22, 2019, from <https://www.facebook.com/PurdueUniversityWritingLab/>

Note:

Please be sure to check for spelling and grammar before submitting your paper.

Supplementary Material

Supplementary material that may be helpful in the review process should be prepared and provided as a separate electronic file. That file can then be transformed into PDF format and submitted along with the manuscript and graphic files to the appropriate editorial office.