

Template for Preparation of Extended Abstract for WeRob 2018

First A. Author, Second B. Author, and Third C. Author

Abstract—This is an example of how to prepare the two-page Extended Abstract for the 4th International Symposium on Wearable Robotics (WeRob 2018), which will be held in Pisa (Italy) from October 16 to 20, 2018. The abstract (meaning this part of your Extended Abstract) should be no more than 150 words. The abstract should give a clear indication of the objectives, scope, and results of the paper. Do not delete the blank line immediately above the abstract; it sets the footnote at the bottom of this column.

I. INTRODUCTION

THIS document is a template for LaTeX based on IEEE manuscript specifications for a conference proceedings article. For your convenience we have prepared also a *Microsoft Word* version of it. You can download both templates from the Call for papers Section of the website: www.werob2018.org. You can choose whatever version you prefer.

All contributions will be peer reviewed. Accepted contributions will appear in Conference Proceedings. Selected papers will be invited to Special Issues in Referred Journals. The Proceedings will be published as a pdf file and will be distributed at the conference on a pen drive electronic support.

The contribution should contain the following sections: Introduction, Material and Methods, Results, Discussion, Conclusions, and References.

II. FORMATTING INSTRUCTIONS

A. Text

Include the predefined class as in this example template will automatically take care of most of the formatting details. ***Do not change the font sizes or line spacing to squeeze more text into a limited number of pages.*** Use italics for emphasis; do not underline.

B. Figures

Photographs, grayscale and color figures should be prepared with at least 300 dpi resolution, 8 bits per pixel (palette or 256 color). To insert images in Word, position the cursor

Sponsor and financial support acknowledgment goes here.

Paper titles should be written in uppercase and lowercase letters, not all uppercase. Full names of authors are preferred in the author field, but are not required. Put a space between authors' initials.

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Fig. 1. The city of Pisa, where WeRob2018 will take place. Note that Fig. is abbreviated. There is a period after the figure number, followed by two spaces. Set a spacing of 6pt. before the caption. Indent the caption 0.3 cm on both sides.

at the insertion point and either use Insert — Picture — From File or copy the image to the Windows clipboard and then Edit — Paste Special — Picture (with Float over text unchecked). For the tables, use horizontal lines but no vertical lines. Hide gridlines (Table — Hide Gridlines). Use text style according to Table. I. Do not abbreviate Table. Tables are numbered with Roman numerals. Large figures and tables may span both columns. Place figure captions below the figures; place table titles above the tables. If your figure has two parts, include the labels (a) and (b) as part of the artwork. Please do not include captions as part of the figures. Do not put captions in text boxes linked to the figures. Do not put borders around the outside of your figures. Use the abbreviation Fig. even at the beginning of a sentence. Separate the figure from the text above the figure with one space (as shown in Fig. 1).

C. Copyright Form

An IEEE copyright form should accompany your final submission. These will be custom generated for you at the submission time. Authors are responsible for obtaining any security clearances.

D. Math and equations

Number equations consecutively with equation numbers in parentheses flush with the right margin, as in (1). First use the equation editor to create the equation. If you are using Word, use either the Microsoft Equation Editor or the *MathType* add-on (<http://www.mathtype.com>). Float over text should not be selected. Press the tab key and write the equation number in parentheses. To make your equations more compact, you may use the solidus (/), the exp function, or appropriate exponents. Use parentheses to avoid ambiguities in denominators.

$$\int_0^{r_2} F(r, \varphi) dr d\varphi = [\sigma r_2 / (2\mu_0)] \cdot \int_0^\infty \exp(-\lambda|z_j - z_i|) \lambda^{-1} J_1(\lambda r_2) J_0(\lambda r_1) (d) \lambda \quad (1)$$

Be sure that the symbols in your equation have been defined before the equation appears or immediately following. Italicize symbols (T might refer to temperature, but T is the unit tesla). Refer to (1), not Eq. (1) or equation (1).

E. Units

Use SI (MKS) as primary units. English units may be used as secondary units (in parentheses). Avoid combining SI and CGS units.

F. References

Number citations consecutively in square brackets [1]. The sentence punctuation follows the brackets [2]. Multiple references [2], [3] are each numbered with separate brackets [1][3]. In sentences, refer simply to the reference number, as in [3]. Do not use Ref. [3] or reference [3]. Type the reference list at the end of the paper using the References style (see the references at the end of this document). Give all authors names; do not use *et al.* unless there are six authors or more. Use a space after authors' initials. Papers that have not been published should be cited as unpublished [4]. Papers that have been submitted for publication should be cited as submitted for publication [5]. Papers that have been accepted for publication, but not yet specified for an issue should be cited as to be published [6]. Please give affiliations and addresses for private communications [7].

Number footnotes separately in superscripts (Insert — Footnote) ¹. Place the actual footnote at the bottom of the column in which it is cited.

G. Writing recommendations

Use one space after periods and colons. If you wish, you may write in the first person singular or plural and use the active voice (I observed that ... or We observed that ... instead of It was observed that ...). Remember to check spelling. If your native language is not English, please get a native English-speaking colleague to proofread your paper.

An excellent style manual and source of information for science writers is [9]. A general IEEE style guide, *Information for Authors*, is available at www.ieee.org/organizations/pubs/transactions/information.htm.

III. CONCLUSION

A brief conclusion section is welcome. A conclusion may review the main points of the paper. Do not replicate the abstract as the conclusion. A conclusion might elaborate on the importance of the work or suggest applications and extensions.

IV. ACKNOWLEDGMENT

Sponsor and financial support acknowledgments are placed in the unnumbered footnote on the first page.

¹It is recommended that footnotes be avoided (except for the unnumbered footnote with the receipt date on the first page). Instead, try to integrate the footnote information into the text.

TABLE I
CONFERENCE CALENDAR

| Day | Activity |
|--------------|-----------|
| Oct 16, 2018 | Symposium |
| Oct 17, 2018 | Symposium |
| Oct 18, 2018 | Symposium |
| Oct 19, 2018 | Symposium |

REFERENCES

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- [2] W.-K. Chen, *Linear Networks and Systems* (Book style). Belmont, CA: Wadsworth, 1993, pp. 123135.
- [3] H. Poor, *An Introduction to Signal Detection and Estimation*. New York: Springer-Verlag, 1985, ch. 4.
- [4] B. Smith, An approach to graphs of linear forms (Unpublished work style), unpublished.
- [5] E. H. Miller, A note on reflector arrays (Periodical style Accepted for publication), *IEEE Trans. Antennas Propagat.*, to be published.
- [6] J. Wang, Fundamentals of erbium-doped fiber amplifiers arrays (Periodical style Submitted for publication), *IEEE J. Quantum Electron.*, submitted for publication.
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- [8] Y. Yorozu, M. Hirano, K. Oka, and Y. Tagawa, Electron spectroscopy studies on magneto-optical media and plastic substrate interfaces (Translation Journals style), *IEEE Transl. J. Magn. Jpn.*, vol. 2, Aug. 1987, pp. 740741 [*Dig. 9th Annu. Conf. Magnetism Japan*, 1982, p. 301].
- [9] M. Young, *The Technical Writers Handbook*. Mill Valley, CA: University Science, 1989.