

ON THE FORMAT OF EXTENDED ABSTRACTS TO BE PRESENTED AT WORKSHOP ON MACHINE LEARNING APPLICATIONS IN GEOPHYSICAL FLUIDS

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1) INTRODUCTION

This document describes the format to be used for extended abstracts submitted to WORKSHOP ON MACHINE LEARNING and serves as a template that authors may use to adjust their manuscripts to the required format.

Extended abstracts must be submitted exclusively in PDF format and shall have a maximum length of 3 pages, including all material comprising the work (text, tables, figures, references, etc.). It is recommended to use Times New Roman font, size 12 or similar. The maximum size of the generated files may not exceed 5 megabytes.

This congress aims to create a space for exchange free from any type of violence and/or discrimination toward both the individuals and the participating institutions. For this reason, we require that submitted abstracts do not contain offensive language, gender bias, or discrimination based on nationality, ethnic origin, or sexual, political, or religious orientation. You can contact preveniratreps@gmail.com if there are any doubts regarding this matter.

The heading of the work shall include the title in bold capital letters. Below, leaving one blank line, the list of authors will be included. Accompanying each author's name, Arabic numerals shall be included as superscripts to indicate the corresponding affiliations. Next, the email address of the contact author shall be provided. Finally, a list containing the names of the institutions corresponding to each author will be included (one institution per line).

Extended abstracts may be written in English. Following the affiliations, a maximum of 3 keywords must be provided (In English) related to the theme of the work and which are not found in the title. Authors are recommended to write the text as simply and concisely as possible. Extended abstracts may be divided into sections (for example: Introduction, Methodology, Results, Conclusions, etc.), which shall be titled in bold capital letters and numbered with Arabic numerals.

2) FIGURES, TABLES, AND EQUATIONS

This section describes the main aspects for the inclusion of figures, tables, and equations. Figures must be included within the text and shall be numbered and referenced using consecutive Arabic numerals. If necessary, figures may be integrated into the text as shown in

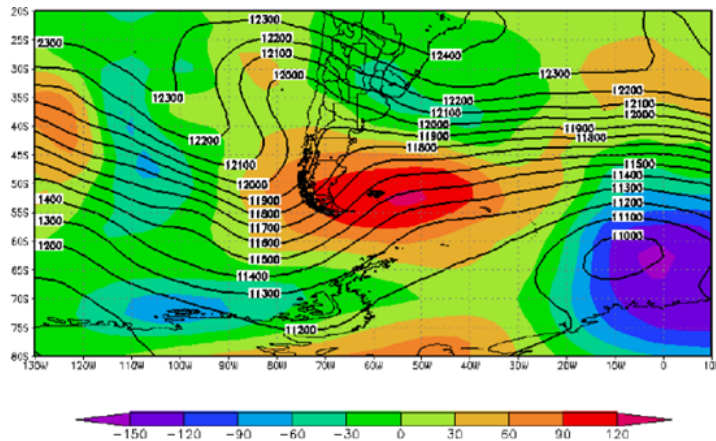


Figure 1: Example of a figure integrated into the text.

Figure 1. To organize the placement of multiple figures, tables or other mechanisms may be used, provided that the borders are not visible. Authors are requested to include figures of the highest possible quality and clarity, preferably using colors to allow for better interpretation.

When figures are reproductions of previously published works, the corresponding reference must be specified, and authorization for their reproduction must be obtained.

Regarding equations, they must be included within the text and numbered with Arabic numerals in parentheses on the right side, highlighted in bold. An example is shown below: The root mean square error (RMSE) can be calculated as follows:

$$RMSE = \sqrt{\sum \frac{(f_i - o_i)^2}{N}} \quad (1)$$

Where $\hat{f}_i$ are the predicted values, o_i are observed values and N is the number of cases present in the sample. All symbols appearing in the equations must be adequately described in the text, as shown in the example regarding Equation 1 .

Regarding the use of tables, they must be included within the text and may be integrated with the text where necessary. They shall be numbered using Roman numerals and accompanied by an explanatory text placed at the bottom of the table.

The following list adds a series of additional recommendations and indicates the required format for including an enumeration within the text of the work. In this case, items shall be identified with lowercase letters:

a) Acronyms may be used to avoid repeating long names of institutions, projects, etc., but the first mention must be the full name followed by the corresponding acronym in parentheses, in capital letters and without periods between letters.

b) Acknowledgments shall be included before the references, preceded by the unnumbered title "Acknowledgments" at the margin

CITATIONS AND REFERENCES

Citations in the text shall indicate the last name of the author(s) and the corresponding year of the work in parentheses. If the author's last name is part of a sentence, only the year of publication will be placed in parentheses. The citation format in the text depends on the number of authors according to the following examples:

- In the case of a single author: Lorenz (1963), or (Lorenz, 1963).
- In the case of two authors: Toth and Kalnay (1993) or (Toth and Kalnay, 1993).
- In the case of more than two authors: Jirak et al. (1983a) or (Jirak et al., 1983a).
- For multiple simultaneous citations, it is suggested to order them chronologically and separate them with a semicolon, for example: (Lorenz, 1963; Jirak et al., 1983a).

References shall be presented at the end of the article text under the unnumbered title "REFERENCES", ordered alphabetically by the first author's last name. When works include more than one author and the first author is the same, they shall be ordered alphabetically according to the last names of the other authors. References by the same author shall be ordered chronologically; if there are several for the same year, lowercase letters in alphabetical order shall be added after the year (... 1991a, ... 1991b, ...). Books: Indicate the last name and initials of the authors (in bold), year of publication (in bold), book title, volume, editor, edition, and publisher. For books that collect works from different authors, the title of the article or chapter shall be indicated before citing the book title.

Example: **Pasquill, A.S and Smith, F.B., 1983:** Atmospheric diffusion, Third Edition, Ellis Horwood Ltd. Journals and publications: Indicate the last name and initials of the authors (in bold), year of publication (in bold), full title of the work, journal name, volume, number, and pages.

Example: **Bohren, C.F. y Battan, L.J., 1982:** Radar backscattering of microwaves by spongy ice spheres. Journal of the Atmospheric Sciences, 39, 4, 2623-2628:

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