

Model of the conference articles for the Geophysics Days: L^AT_EX

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Abstract

In this article, we describe how to prepare and submit a conference article (an extended abstract) for the Geophysics Days, the meeting arranged by the Geophysical Society of Finland. This guideline document has been formatted following the instructions given below. Consequently, the document can be used as a template to prepare the conference article. The maximum length of the article is four pages, preferably two or four pages due to layout. Also a Finnish version of the guidelines is available. The main body of the article is to be written in Finnish or English but the abstract always in English. We suggest the use of UK English.

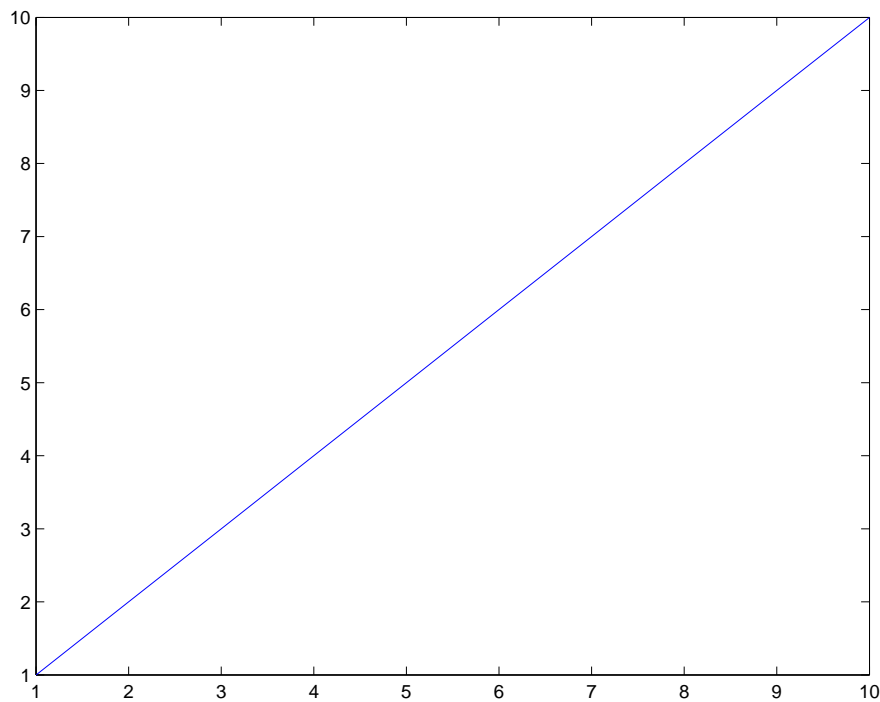
1. INTRODUCTION

Geophysical Society of Finland arranges Geophysics Days usually every second year. The meetings aim at providing information on new research and results between the geophysicists in different disciplines. The presentations (talks and posters) are collected into conference proceedings. Starting from the year 2022, a special issue will be also published in *Geophysica* journal on the topics of the meeting.

The authors are asked to submit their *camera ready* articles including figures in electronic form using, e.g. L^AT_EX described here. A template for MS Word is also available. This text has been created with the file *gfpmalli.tex*, which needs a style-file *gfp.sty* for a proper conversion. The model file *gfpmodel.tex* (this file) contains all necessary information needed to make a properly formatted conference article. The author only needs to replace the text in the model file with his/her own text. **N.B.** Conference proceedings are compiled from submitted articles without any editing work. Only page numbers will be changed. Therefore it is anticipated that authors submit the original tex-files and potential eps-files (figures) to editors, not converted pdf-files. Authors may submit also converted pdf-files to let the editors have a glimpse of the appearance of the article. The sole pdf-file is not sufficient for submission.

The purpose of the text below is to extend the article over page breaks and ensure that top and bottom margins are correct.

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Kuva 1: A poor example of an illustration with a caption beneath it. The caption should be center-aligned if located below the figure.

The basic formatting of the article is defined in the `gfp.sty` file. For example, the size of the page and text area (and therefore margins) are defined in the style-file. \LaTeX users do not take into account many of the items defined above as soon as they use the `gfp`-style file. The text of the article is written as simple ASCII text into the `tex`-file (`gfomodel.tex`).

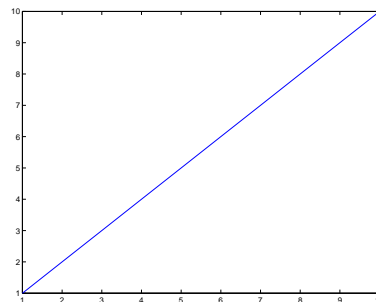
In the \LaTeX code, lines can be broken freely as the converter takes care of the formatting of the text.

Paragraphs, titles etc. are separated by empty lines. Due to rather primitive style-file, authors need to number chapters.

The use of figures and the preparation of the reference list requires some attention. This file contains examples on both. Figure 1 is an example of the most typical case: a rather large figure is centered. For more details, see the code in between the `begin` and `end` commands `\begin{figure}...\end{figure}`.

Figure 2 illustrates a slightly more complicated case: a figure caption and a small figure are placed side by side. Note that the same figure file (`gfpmode.eps`) is used for both figures. In Figure 2, however, the figure has been scaled smaller using the command `includegraphics` and there the scaling factor `scale`. In Figure 1, the `scale=0.7` whereas in Figure 2, the `scale=0.3`. The `graphicx` program used here `graphicx`, which is nowadays included in all \LaTeX versions. `Graphicx` is also better than, for example, `epsfig`.

Kuva 2: Figure 2: A poor example of an illustration with a caption on its side.



Typically, if \LaTeX is used, it is recommended that eps-format is used for illustrations. Consequently, it is better to convert bitmap-figures to eps-figures.

Bibliographic references are added at the end of the tex-document into the "environment" *thebibliography*. For each reference (e.g. Author, 2002), there is a specific `\bibitem` entry.

ACKNOWLEDGEMENTS

The form (format) of the conference article for the Geophysics Days is a result of long work, where several local organizing committees as well as the editors of the proceedings have contributed. The original word-version of the guidelines and the \LaTeX files were compiled by Reijo Rasinkangas (University of Oulu, Department of Physics) for the Geophysics Days 2003. We are grateful for the original version as well as for several updates of the \LaTeX files.

REFERENCES

- Author, A., 2002. A very, very long title of the article to check how the reference extends to the second line, part I. *Some Geophysical Journal or preferably its abbreviation*, **100**, 1-10.
- Tekijä, A., B. Tekijä ja C. Tekijä, 1991. Another article with a shorter title, part II, *J.R.S.P. (Journal of Rejected Scientific Papers)*, **77**, 123-134.