

Guidelines for Authors of Springer Book (GISIDEAS2023)

First Author¹(ORCID), Second Author¹(ORCID), and Third Author²(ORCID)

¹ Princeton University, Princeton NJ 08544, USA

² Institut für Kontinuumsmechanik, Leibniz Universität Hannover
author@uni-hannover.de

Abstract. The abstract should summarize the contents of the paper and should contain at least 70 and at most 250 words. It should be set in 9-point font size and should be inset 1.0 cm from the right and left margins. There should be two blank (10-point) lines before and after the abstract. This document is in the required format. Abstract and keywords are made freely available in SpringerLink.

Keywords: Please list your keywords here. They should be separated by middots, if possible. The first letter of each keyword should be capitalized

1 Introduction

This instruction file for Word users may be used as a template. Kindly send the final and checked Word and PDF files of your paper to the Contact Volume Editor. This is usually one of the organizers of the conference. You should make sure that the Word and the PDF files are identical and correct and that only one version of your paper is sent. It is not possible to update files at a later stage. Please note that we do not need the printed paper.

We would like to draw your attention to the fact that it is not possible to modify a paper in any way, once it has been published. This applies to both the printed book and the online version of the publication. Every detail, including the order of the names of the authors, should be checked before the paper is sent to the Volume Editors.

2 Preparation of your paper

2.1 Structuring Your Paper

Please note that the first paragraph of a section or subsection is not indented. The first paragraphs that follows a table, figure, equation etc. does not have an indent, either.

Subsequent paragraphs, however, are indented.

2.2 Length of Papers

The most common types of papers accepted for publication are full papers (≥ 15 pages), where a page constitutes 300-400 words. We only wish to publish papers of significant scientific content.

It is important to note that we do not want to publish papers less than 15 pages in the Springer book (Lecture Notes in Civil Engineering) of this GIS-IDEAS 2023.

2.3 Fonts

The page size is standard A4, with the margins listed in Table below. The text area is 12.3 x 19.1 cm. The document is based on the font Times New Roman. The standard font size is 10pt. The paper title is 14pt bold faced. Section titles are 12pt bold faced; subsection titles are 10pt italics. Figure and table captions are 9pt.

Page	Top	Bottom	Left	Right
First	5.0	5.6	4.7	4.6
Rest	5.0	5.6	4.7	4.6

2.4 Page Numbering and Running Heads

There is no need to include page numbers or running heads; this will be done at our end. If your paper title is too long to serve as a running head, it will be shortened.

2.5 Figures and Tables

Figures/Tables should be centred within the page width and numbered sequentially. Figures/Tables should be numbered separately. Multiple figures should be referred using letters (e.g. Fig. 1a or 1b).

In the text a figure/table is referred as “Fig. 1a shows the drag coefficient...” or “the slope of the lift coefficient switches from negative to positive at the critical Re (Fig. 1b)”.

Sample Heading (Third Level). Only two levels of headings should be numbered. Lower level headings remain unnumbered; they are formatted as run-in headings.

Sample Heading (Forth Level). The contribution should contain no more than four levels of headings. The following Table 1 gives a summary of all heading levels.

Table 1. Table captions should be placed above the tables.

Heading level	Example	Font size and style
Title (centered)	Lecture Notes	14 point, bold
1 st -level heading	1 Introduction	12 point, bold
2 nd -level heading	2.1 Printing Area	10 point, bold
3 rd -level heading	Run-in Heading in Bold. Text follows	10 point, bold
4 th -level heading	<i>Lowest Level Heading.</i> Text follows	10 point, italic

Displayed equations are centered and set on a separate line, and numbered sequentially. Equations must be referred in the text as “Eq. (1) defines strain sensitivity”. Equations must be referred in the text as “Eq. (1)” for one equation or “Eqs. (1), (2) and (3)” for multiple equations.

$$x + y = z \quad (1)$$

Please try to avoid rasterized images for line-art diagrams and schemas. Whenever possible, use vector graphics instead (see Fig. 1).

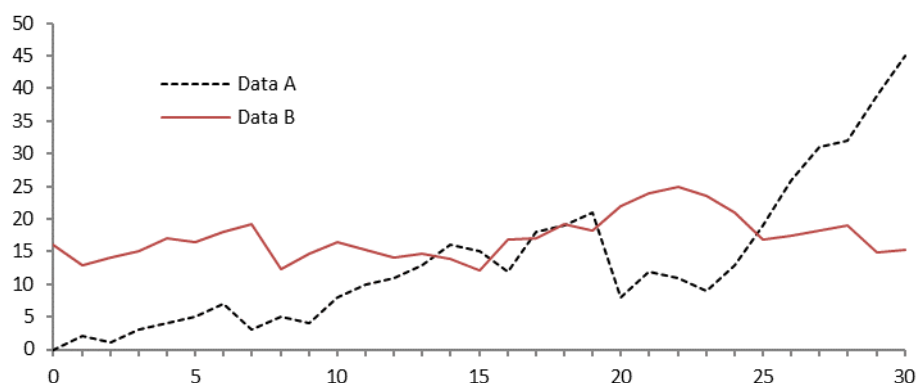


Fig. 1. A figure caption is always placed below the illustration. Short captions are centered, while long ones are justified. The macro button chooses the correct format automatically.

2.6 Formulas

Displayed equations or formulas are centered and set on a separate line (with an extra line or halfline space above and below). Displayed expressions should be numbered for reference. The numbers should be consecutive within each section or within the contribution, with numbers enclosed in parentheses and set on the right margin.

$$x + y = z . \quad (1)$$

Equations should be punctuated in the same way as ordinary text but with a small space before the end punctuation mark.

2.7 Citations

For citations in the text please use square brackets and consecutive numbers: [1], [2], [3], etc. Please use the endnote file enclosed for reference management. (see in the conference website)

2.8 Ethics and Permissions

If figures, tables, animations or text quotations from copyrighted works (including websites) are included in your paper, permission must be obtained from the copyright holder (usually the original publisher) and the author(s) for both the print and the online format.

If plagiarism has been committed, the paper on SpringerLink is given a “retracted” stamp, and an erratum explaining the reasons for the retraction (i.e., plagiarism) is inserted. In addition, the volume editors and the author’s academic supervisors are informed. Please note that a retracted paper remains visible, with its “retracted” stamp. It does not simply disappear.

It is important to note that your paper will be checked for plagiarism using iThenticate at Springer. It means that even if the paper has been accepted by the conference Editors, it may still be rejected in the final round of plagiarism checking with iThenticate at Springer.

In the GIS-IDEAS223, the accepted papers in this Springer book will be indexed in Scopus and ISI Web of Science (Scopus indexing usually takes 3/4 months since publication date, ISI WoS approx. 15 months).

2.9 Avoidance of Self-plagiarism

A certain overlap in scientific content between articles by the same author is standard practice and to be expected. However, it is essential that transparency is retained and appropriate references included. Permission must be obtained from other publishers, where appropriate.

2.10 Copyright Form

Please send your signed copyright form to your conference publication contact, either as a scanned PDF or by fax. One author may sign on behalf of all of the other authors of a particular paper, providing permission has been given to do so. In this case, the author signs for and accepts responsibility for releasing this material on behalf of any and all co-authors. Digital signatures are not acceptable.

5 The References Section

Endnote software should be used for the management of citations and reference. The following section shows a sample reference list with entries for journal articles [1], an chapter [2], a book [3], proceedings without editors [4] and [5], as well as a URL [6].

References

1. Smith, T.F., Waterman, M.S.: Identification of common molecular subsequences. *Journal of molecular biology* 147, 195-197 (1981)
2. May, P., Ehrlich, H.-C., Steinke, T.: ZIB Structure Prediction Pipeline: Composing a Complex Biological Workflow Through Web Services. In: Nagel, W.E., Walter, W.V., Lehner, W. (eds.) *Euro-Par 2006 Parallel Processing*, pp. 1148-1158. Springer Berlin Heidelberg, Berlin, Heidelberg (2006)
3. Foster, I., Kesselman, C.: *The Grid 2: Blueprint for a new computing infrastructure*. Elsevier (2003)
4. Czajkowski, K., Fitzgerald, S., Foster, I., Kesselman, C.: Grid information services for distributed resource sharing. *10th IEEE International Symposium on High Performance Distributed Computing*, pp. 181-194. IEEE Press, New York (2001)
1. Author F (2016) Article title. *Journal* 2(5):99–110.
2. Author F, Author S (2017) Title of a proceedings paper. In: Editor F, Editor S (eds.) *Proceedings Title*, pp. 1–13. Springer, Heidelberg.
3. Author F, Author S, Author T (1999) Book title. 2nd edn. Publisher, Location.
4. Author F (2010) Contribution title. In: *9th International Proceedings on Proceedings*, pp. 1–2. Publisher, Location.
5. LNCS Homepage, <http://www.springer.com/lncs>, last accessed 2016/11/21.
5. Foster, I., Kesselman, C., Nick, J., Tuecke, S.: *The Physiology of the Grid: an Open Grid Services Architecture for Distributed Systems Integration*. Technical report, Global Grid Forum (2002)
6. National Center for Biotechnology Information, <http://www.ncbi.nlm.nih.gov>