

# Instructions for Authors of Papers to be published in Springer Engineering/Physics/Mathematics Proceedings

## 1. Scope of This Document

You will find here Springer's instructions for the preparation of proceedings papers to be published in one of the following series:

- Lecture Notes in Electrical Engineering (LNEE)
- Lecture Notes in Networks and Systems (LNNS)
- Lecture Notes in Mechanical Engineering (LNME)
- Lecture Notes in Civil Engineering (LNCE)
- Lecture Notes on Multidisciplinary Industrial Engineering
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- IFMBE Proceedings
- Springer Proceedings in Energy
- Springer Proceedings in Physics
- Springer Proceedings in Mathematics and Statistics
- And many other series.

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## 3 Preparation of Your Paper

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**Headings.** Headings should be capitalized (i.e., nouns, verbs, and all other words except articles, prepositions, and conjunctions should be set with an initial capital) and should, with the exception of the title, be aligned to the left. Only the first two levels of section headings should be numbered, as shown in Table 1. The respective font sizes are also given in Table 1. Kindly refrain from using “0” when numbering your section headings.

**Table 1.** Font sizes of headings. Table captions should always be positioned *above* the tables.

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

Words in a heading that are joined by a hyphen are subject to a special rule. If the first word can stand alone, the second word should be capitalized.

Here are some examples of headings: “Criteria to Disprove Context-Freeness of Collage Languages”, “On Correcting the Intrusion of Tracing Non-deterministic Programs by Software”, “A User-Friendly and Extendable Data Distribution System”, “Multi-flip Networks: Parallelizing GenSAT”, “Self-determinations of Man”.

**Lemmas, Propositions, and Theorems.** The numbers accorded to lemmas, propositions, and theorems, etc. should appear in consecutive order, starting with Lemma 1. Please do not include section counters in the numbering like “Theorem 1.1”.

### 3.2 Length of Papers

Please follow instructions provided by the conference organisers. They will specify the required length of your paper.

### 3.3 Fonts

We aim to publish all proceedings papers in full-text xml. Our templates for LaTeX are based on CMR, and our xml templates for Word are based on Times. We ask you

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### 3.4 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.

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All figures are printed in black and white, unless special arrangement has been made for colored figures. Please contact the conference organisers if no specific instructions have been provided on this. In general, colored figures remain in color in the online version. You may therefore make sure that any colored figures are equally clear in black and white so that it does not matter if the print version does not have colors. Figures and Tables should be cross-referred in the text. We do not support color in text, tables or in equations. Please make sure that tables and equations are editable, and not pasted in as figures, in case the paper needs to be reformatted or corrections made. Vector graphics (rather than rasterized images) should be used for diagrams and schemas whenever possible. Please check that the lines in line drawings are not interrupted and have a constant width. Line drawings are to have a resolution of at least 800 dpi (preferably 1200 dpi).

Grids and details within figures must be clearly legible and may not be written one on top of the other. The lettering in figures should not use font sizes smaller than 6 pt (~ 2 mm character height). Figures are to be numbered and to have a caption which should always be positioned under the figures, in contrast to the caption belonging to a table, which should always appear above the table.

Captions are set in 9-point type. If they are short, they are centered between the margins. Longer captions, covering more than one line, are justified. Captions that do not constitute a full sentence, do not have a period.

### 3.6 Formulae

Displayed equations or formulae are centered and set on a separate line (with an extra line or half line space above and below). Equations should be numbered for reference. The numbers should be consecutive within the contribution, with numbers enclosed in parentheses and set on the right margin. Please do not include section counters in the numbering. If you are using Word, please use the Math function of Word 2007, Word 2010 or Word 2013, or MathType or the Microsoft Equation Editor with Word 2003, to create your equations, and insert the math objects in your Word document in an editable format through MathType or MsWord equation editors.

$$x + y = z \tag{1}$$

Equations should never be in color and should be punctuated in the same way as ordinary text. **They should not be pasted in as figures.**

### 3.7 Footnotes

The superscript numeral used to refer to a footnote appears in the text either directly after the word to be discussed or – in relation to a phrase or a sentence – following the punctuation mark (comma, semicolon, or period).<sup>1</sup>

For remarks pertaining to the title or the authors' names, in the header of a paper, symbols should be used instead of a number (see first page of this document). Please note that no footnotes may be included in the abstract.

### 3.8 Program Code

Program listings or program commands in the text are normally set in typewriter font.

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Cite references in the text with author name/s and year of publication in parentheses (“Harvard system”)

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[3, 7, 12].

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1. Czajkowski, K., Fitzgerald, S., Foster, I., Kesselman, C.: Grid information services for distributed resource sharing. In: 10th IEEE International Symposium on High Performance Distributed Computing, pp. 181-184. IEEE Press, New York (2001). doi: 10.1109/HPDC.2001.945188
2. Foster, I., Kesselman, C.: The Grid: Blueprint for a New Computing Infrastructure. Morgan Kaufmann, San Francisco (1999)
3. 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)
4. 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. LNCS, vol. 4128, pp. 1148-1158. Springer, Heidelberg (2006). doi:10.1007/11823285\_121
5. National Center for Biotechnology Information. <http://www.ncbi.nlm.nih.gov>

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