

Author Guidelines for the Preparation of Contributions to Springer Proceedings (Title)

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Abstract. The abstract is a mandatory element that should summarize the contents of the paper and should contain at least 70 and at most 150 words. Abstract and keywords are freely available in SpringerLink.

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1 Introduction

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* No academic titles or descriptions of academic positions should be included in the addresses. The affiliations should consist of the author's institution, town, and country.

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2 Preparation of Your Paper

2.1 Structuring Your Paper

Affiliations. The affiliated institutions are to be listed directly below the names of the authors. Multiple affiliations should be marked with superscript Arabic numbers, and they should each start on a new line as shown in this document. In addition to the name of your affiliation, we would ask you to give the town and the country in which it is situated. If you prefer to include the entire postal address, then please feel free to do so.

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Table 1. Font sizes of headings. Table captions should always be positioned *above* the tables.
Heading level Example Font size and style

Title (centered) **Lecture Notes** 14 point, bold

1st-level heading **1 Introduction** 12 point, bold

2nd-level heading **2.1 Printing Area** 10 point, bold

3rd-level heading **Run-in Heading in Bold.** Text follows 10 point, bold

4th-level heading *Lowest Level Heading.* Text follows 10 point, italic

Words 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”.

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It is essential that all illustrations are clear and legible. 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. Grids and details within the figures must be clearly legible and may not be written one on top of the other. Line drawings are to have a resolution of at least 800 dpi (preferably 1200 dpi). The lettering in figures should not use font sizes

0 1 2 3 4
0,0
0,5
1,0
1,5
first span
power fluctuation (1555 nm), dB
time, ms
second span
third span

Fig. 1. Power distribution of channel at 1555 nm along the link of 383 km (Source: LNCS 5412, p. 323)

Fig. 2. Artifacts empowered by Artificial Intelligence (Source: LNCS 5640, p. 115)

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smaller than 6 pt (~ 2mm 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 (Fig. 1 and Fig. 2 show examples). Captions that do not constitute a full sentence, do not have a period. Text fragments of fewer than four lines should not appear at the tops or bottoms of pages, following a table or figure. In such cases, it is better to set the figures right at the top or right at the bottom of the page.

If screenshots are necessary, please make sure that the essential content is clear to the reader.

Remark 1. In the printed volumes, illustrations are generally black and white (halftones), and only in exceptional cases, and if the author or the conference organization is prepared to cover the extra costs involved, are colored pictures accepted. Colored pictures are welcome in the electronic version free of charge. If you send colored figures that are to be printed in black and white, please make sure that they really are also legible in black and white. Some colors show up very poorly when printed in black and white.

2.5 Formulas

Displayed equations or formulas are centered and set on a separate line (with an extra line or half line space above and below). Displayed expressions 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.

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

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

2.6 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).¹

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.

¹ The footnote numeral is set flush left and the text follows with the usual word spacing.

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2.7 Program Code

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

```
program Inflation (Output)
{Assuming annual inflation rates of 7%, 8%, and
10%, ... years};
const MaxYears = 10;
var Year: 0..MaxYears;
Factor1, Factor2, Factor3: Real;
begin
Year := 0;
Factor1 := 1.0; Factor2 := 1.0; Factor3 := 1.0;
WriteLn('Year 7% 8% 10%'); WriteLn;
repeat
Year := Year + 1;
Factor1 := Factor1 * 1.07;
Factor2 := Factor2 * 1.08;
Factor3 := Factor3 * 1.10;
WriteLn(Year:5, Factor1:7:3, Factor2:7:3,
Factor3:7:3)
until Year = MaxYears
end.
```

[Example of a computer program from Jensen K., Wirth N.: Pascal User Manual and Report. Springer, New York (1991)]

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For citations in the text, please use square brackets and consecutive numbers. We would write [1,2,3,4,5] for consecutive numbers and [1], [3], [5] for non-consecutive numbers. The numbers in the bibliography section are without square brackets. We prefer numbered references to other styles of references, such as those with abbreviated names and years.

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MICCAI 2008, Part II. LNCS, vol. 5242, pp. 70–78. Springer, Heidelberg (2008)

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