Author Guidelines for the Preparation of Contributions to Springer Computer Science Proceedings

Alfred Hofmann¹,², Brigitte Apfel¹, Ursula Barth¹, Christine Günther¹, Ingrid Haas¹, Frank Holzwarth¹, Anna Kramer¹, Leonie Kunz¹, Nicole Sator¹, Erika Siebert-Cole¹ and Peter Straßer¹

¹ Springer-Verlag, Computer Science Editorial, Tiergartenstr. 17, 69121 Heidelberg, Germany

Abstract. The abstract should summarize the contents of the paper and should contain at least 70 and at most 150 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.

Keywords: We would like to encourage you to list your keywords in this section separated by middots (·), for example: Human Factors · Human-systems Integration · Systems engineering

1 Introduction

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2 Paper Preparation

The printing area is 122 mm × 193 mm (4.8 inches × 7.6 inches). The text should be justified to occupy the full line width, so that the right margin is not ragged, with words hyphenated as appropriate. Please fill pages so that the length of the text is no less than 180 mm, if possible. Use paper size A4 210 mm × 297 mm (8.27 inches × 11.69 inches), Top and Bottom margins: 52.1 mm, Left and Right margins: 43.9 mm (Top and Bottom margins: 2.05 inches, Left and Right margins: 1.73 inches).

Use 10-point type for the name(s) of the author(s) and 9-point type for the address(es) and the abstract. For the main text, please use 10-point type and single-line spacing. We recommend the use of Computer Modern Roman or Times. Italic type may be used to emphasize words in running text. Bold type and underlining should be avoided. The minimum page size of full papers is 5 pages, with a maximum of 6 pages, including all paper components such as references, appendices, acknowledgments,…etc. Papers over 6 pages of length will not be included in the Conference Proceedings.

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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. Words joined by a hyphen are subject to a special rule. If the first word can stand alone, the second word should be capitalized. The font sizes are given in Table 1. 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".
Table 1. Font sizes of headings. Table captions should always be positioned above the tables.

<table>
<thead>
<tr>
<th>Heading level</th>
<th>Example</th>
<th>Font size and style</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title (centered)</td>
<td>Lecture Notes ...</td>
<td>14 point, bold</td>
</tr>
<tr>
<td>1st-level heading</td>
<td>1 Introduction</td>
<td>12 point, bold</td>
</tr>
<tr>
<td>2nd-level heading</td>
<td>2.1 Printing Area</td>
<td>10 point, bold</td>
</tr>
<tr>
<td>3rd-level heading</td>
<td>Headings. Text follows ...</td>
<td>10 point, bold</td>
</tr>
<tr>
<td>4th-level heading</td>
<td>Remark. Text follows ...</td>
<td>10 point, italic</td>
</tr>
</tbody>
</table>

Lemmas, Propositions, and Theorems. The numbers accorded to lemmas, propositions, and theorems, etc. should appear in consecutive order, starting with Lemma 1, and not, for example, with Lemma 11.

2.1 Figures

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 should have a resolution of at least 800 dpi (preferably 1200 dpi). The lettering in figures should have a height of 2 mm (10-point type). Figures should be numbered and should 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. Please center the captions between the margins and set them in 9-point type (Fig. 1 shows an example). The distance between text and figure should be about 8 mm, the distance between figure and caption about 6 mm.

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![Fig. 1. One kernel at \( x_s \) (dotted kernel) or two kernels at \( x_i \) and \( x_j \) (left and right) lead to the same summed estimate at \( x_e \). This shows a figure consisting of different types of lines. Elements of the figure described in the caption should be set in italics, in parentheses, as shown in this sample caption.](image-url)
2.2 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.

\[ x + y = z. \] (1)

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

2.3 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). Footnotes should appear at the bottom of the normal text area, with a line of about 5cm set immediately above them.2

2.4 Program Code

Program listings or program commands in the text are normally set in typewriter font, e.g., CMTT10 or Courier.


```plaintext
program Inflation (Output)
  {Assuming annual inflation rates of 7%, 8%, and 10%,... years};
const  MaxYears = 10;
var    Year: 0..MaxYears;
       Factor1, Factor2, Factor3: Real;
```

2.5 Citations

For citations in the text please use square brackets and consecutive numbers: [1], [2], [3], etc.

2.6 Page Numbering and Running Heads

There is no need to include page numbers. If your paper title is too long to serve as a running head, it will be shortened. Your suggestion as to how to shorten it would be most welcome.

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2 The footnote numeral is set flush left and the text follows with the usual word spacing.
3 BibTeX Entries

The correct BibTeX entries for the Lecture Notes in Computer Science Proceedings can be found at the following Website shortly after the publication of the book: http://www.informatik.uni-trier.de/~ley/db/journals/lncs.html

Acknowledgments. The heading should be treated as a 3rd level heading and should not be assigned a number.

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