

Interdisciplinary Ontology Conference 2008

Authors' Instructions for the Preparation of Camera-Ready Contributions to KEIO University Press Proceedings

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ABSTRACT. The abstract should summarize the contents of the paper and should contain at least 80 and at most 160 words. It should be set in 8-point font size and should be inset 0.5 cm from the right and left margins. There should be two blank (10-point) lines before and after the abstract. . . .

1 Manuscript Preparation

You are strongly encouraged to use $\text{\LaTeX}2_{\epsilon}$ for the preparation of your camera-ready manuscript together with the corresponding InterOntology class file `InterOntology.cls`

If you are unable to use \LaTeX , you may use MS Word together with the template `InterOntology.doc` (see Sect. 6). In the latter case, please follow these instructions closely in order to make the volume look as uniform as possible.

We would like to stress that the class/style files and the template should not be manipulated and that the guidelines regarding font sizes and format should be adhered to. This is to ensure that the end product is as homogeneous as possible.

1.1 Printing Area

The printing area is 132 mm \times 197 mm. The text should be justified to occupy the full line width, so that the right margin is not ragged, with words hyphenated as appropriate.

1.2 Typeface, Font Size

Use 10-point type for the name(s) of the author(s) and 8-point type for the address(es) and the abstract. For the main text, please use 10-point type and single-line spacing. We recommend using Computer Modern Roman (CM) fonts, Times, or one of the similar typefaces widely used in photo-typesetting. (In these typefaces the letters have serifs, i.e., short endstrokes at the head and the foot of letters.) Italic type may be used to emphasize words in running text. Bold type and underlining should be avoided. With these sizes, the interline distance should be set so that some 46 lines occur on a full-text page.

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.

Table 1. Font sizes of headings. Table captions should always be positioned *above* the tables. The final sentence of a table caption should end without a period

Heading level	Example	Font size and style
Title (centered)	Interdisciplinary Ontology ...	14 point, bold
1st-level	1 Manuscript Preparation	14 point, bold
2nd-level	1.1 Printing Area	12 point, bold
3rd-level	Headings. Text follows ...	10 point, bold
4th-level	<i>Remark.</i> Text follows ...	10 point, italic

2 Layout

2.1 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 sign (comma, semicolon, or period). Footnotes should appear at the bottom of the normal text area, with a line of about 4 cm in \TeX and about 5 cm in Word set immediately above them.⁴

⁴ The footnote numeral is set flush left and the text follows with the usual word spacing. Second and subsequent lines are indented. Footnotes should end with a period.

2.2 Citations

The list of references is headed “References” and is not assigned a number in the decimal system of headings. The list should be set in small print and placed at the end of your contribution, in front of the appendix, if one exists. Please do not insert a pagebreak before the list of references if the page is not completely filled. An example is given at the end of this information sheet. For citations in the text please use square brackets and list the items in the alphabetical order: [Knuth 1984], [Lamport 1994], [Kanovich et al. 2003]...

2.3 Page Numbering and Running Heads

Your paper should show no printed page numbers; these are allocated by the volume editor. Do not set running heads.

3 Figures

Please produce your figures electronically, if possible, and integrate them into your text file. For \LaTeX users we recommend using the macro packages `graphics` or `graphicx`. These can be downloaded from the CTAN server at the location:

<http://www.ctan.org/tex-archive/macros/latex/required/graphics/>

These macros have always worked smoothly with our macro package. For further details about figure preparation see Sect. 3. In general, please refrain from using the `\special` command.

Remember to submit the style files and fonts you have used together with your source files.

Check that in line drawings, lines are not interrupted and have constant width. Grids and details within the figures must be clearly readable 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). For digital halftones 300 dpi is usually sufficient. The lettering in figures should have a height of 2 mm (10-point type). Figures should be scaled up or down accordingly. Please do not use any absolute coordinates in figures. If possible, the files of figures (e.g. PS files) should not contain binary data, but be saved in ASCII format.

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 8-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 5 mm.

If you have to insert a pagebreak before a figure, please ensure that the previous page is completely filled.

Remark 1. In the printed volumes, illustrations are generally black and white (halftones).

To ensure that the reproduction of your illustrations is of reasonable quality we advise against the use of shading. The contrast should be as pronounced as possible. This particularly applies for screenshots.

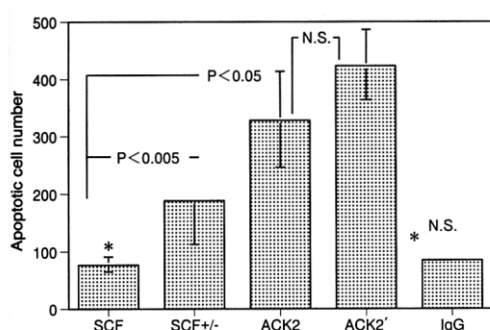


Fig. 1. SCF+/- (The second graph from the left) was removed from the culture solution. ACK2 (Graph of center) was addition of the ACK2 solution. Elements of the figure described in the caption should be set in italics, in parentheses, as shown in this sample caption. The last sentence of a figure caption should generally end without a period

4 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 [Kanovich et al. 2003].

$$\oint_S D_n dS = \sum_{i=1}^m Q_i . \quad (1)$$

$$\lim_{\Delta x \rightarrow 0} \frac{f(x + \Delta x) - f(x)}{x + \Delta x - x} . \quad (2)$$

$$q_{A,t} = \sum_{\tau=0}^{\infty} \left\{ (1-u-v) d_{\tau} q_{K,t+\tau+1} + u \left(\prod_{s=t+1}^{t+\tau+1} \frac{\hat{m}_{\tau+1}}{1+r_s} q_{A,t} + V_{t,\tau} \right) \right\} . \quad (3)$$

Please punctuate a displayed equation in the same way as ordinary text but with a small space before the end punctuation [Lamport 1994].

5 How to Access the InterOntology08 $\text{\LaTeX}2_{\epsilon}$ Macro Packages

For users of $\text{\LaTeX}2_{\epsilon}$ InterOntology08 provides the macro package `InterOntology` for $\text{\LaTeX}2_{\epsilon}$. The packages can be obtained by Web page as follow:

URL: <http://abelard.flet.keio.ac.jp/ontology/index.php?InterOntology08>

6 Using MS Word

We do not encourage the use of MS Word, particularly as the layout of the pages (the position of figures and paragraphs) can change from printout to printout. Having said this, we do provide the template InterOntology.doc to help MS Word users prepare their camera-ready manuscripts and to enable us to use their source files for the online version [Knuth 1984].

The template InterOntology.doc can be downloaded from the InterOntology08 page at <http://abelard.flet.keio.ac.jp/ontology/index.php?InterOntology08>.

References

- [Knuth 1984] Donald E. Knuth. *The TeXbook*. Addison-Wesley, 1984.
- [Lamport 1994] Leslie Lamport. *LaTeX: A Document Preparation System*. Addison-Wesley Professional, 2nd edition, 1994
- [Kanovich et al. 2003] Max I. Kanovich, Mitsuhiro Okada and Andre Scedrov, Phase Semantics for Light Linear Logic, *Theoretical Computer Science* 294(2003), pp. 525-549.