Typing Instructions for FUSION 2001 Documents

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Abstract – *Type the abstract (100 to 150 words) using Italic font with point size 10. The abstract is an essential part of the paper. Use short, direct, and complete sentences. It should be as brief as possible and concise. It should be complete, self-explanatory, and not require reference to the paper itself. The abstract should be informative giving the scope and emphasize the main conclusions, results, or significance of the work described. Do not use the first person; do not include mathematical expressions; do not refer to the reference, and try to avoid acronyms.*

Keywords: Tracking, filtering, estimation, fuzzy logic, resource management.

1 Introduction

These are instructions for authors typesetting for the *International Conference on Information Fusion* (FUSION 2001) to be held at the Delta Centre-Ville, Montral, QC, Canada from August 7–10 2001. This document has been prepared using the required format. The electronic copy of this document can be found in:
http://www.crm.umontreal.ca/fusion/papers.shtml

The paper is to be written in two-column format and be right and left justified. The column width should be 83 mm (3.3 inches). The gap between the two columns should be 4 mm (0.15 inches).

1.1 Instructions for authors

In order for the proceedings to be ready for distribution at the conference, a hard copy and an electronic copy of your paper (the Camera-Ready paper) must be received by *Dr. Pierre Valin* (address is given below) *no later than June 1, 2001*:

FUSION 2001
C/O: Dr. Pierre Valin
Lockheed Martin Canada
6111 Royalmount Ave.
Montral, QC, H4P 1K6
E-mail: pierre.valin@lmco.com

Note to authors from outside Canada: regular air mail may take about 10 days. Please allow about two weeks for regular air to reach Dr. Valin; if you cannot, please use a service such as Federal Express, Purolator, etc. to guarantee arrival on time.

2 Formatting instructions

2.1 Length

The minimum number of pages for a paper is 6 and the maximum allowed number of pages is 8.

2.2 Title

Type the title approximately 3.5 centimeters below the top border of the letter size paper sheet and use 20 points typefont size. Center the title (horizontally) on the page. Leave approximately 1 cm (0.4 inches) between the title and the name and address of yourself (and of your co-authors, if any). Type name(s), address(es) and email in 11 points and center them (horizontally) on the page.

2.3 Spacing

Each section (or subsection) should be separated from the previous text by 12 points (as indicated in the format/paragraph menu).

2.4 Section and subsection headings

Number section and subsection headings consecutively in Arabic numbers and type them in bold. Use point size 14 for section headings and 12 for subsection headings. Avoid using too many capital letters. Keep section and subsection headings always flushed left. If any further subdivision of a subsection is needed the titles should be 12 point.

2.5 Main text

Use 2 centimeters (0.8 inches) for the left and right margins. Use Times New Roman and font size 10 for text (character size). Do not use bold in the main text; if you want to emphasize specific parts of the main text, use italics. Start a new paragraph by indenting it from the left margin (and not by inserting a blank line), except under a section or subsection heading. Leave a margin of at least 2 centimeters (0.8 inch) at the page head for placing the final numbers and running heads. Type on one side of a sheet only. You may type on plain white letter paper. Typing area should not exceed 10 x 6.7 inches (25 x 17 centimeters). The text should be prepared with a double column format and single line spacing.

2.6 Tables

All tables must be numbered consecutively (in Arabic numbers). Table headings should be placed above the table. Place tables as close as possible to where they are mentioned in the main text.

2.7 Figures

All illustrations should be original drawings or photographic prints of originals. Photographs should be glossy prints. Photocopies are often not good enough and should be avoided. All illustrations must be numbered consecutively (i.e., not section-wise), using Arabic numbers. Center figure captions beneath the figure (see Figure 1). If possible, do not assemble figures at the back of your article, but place them as close as possible to where they are mentioned in the main text. No part of a figure should go beyond the typing area. Captions should appear below graphical objects, as in Figure 1.

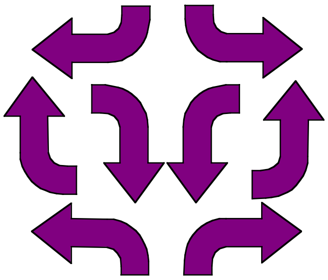

Figure 1: an unusual fusion data flow

2.8 Mathematical formulas

Mathematical formulas should be roughly centered and have to be numbered as formula (1).

$$\lambda_{1,2} = 0.5\lfloor c_{11} + c_{12} \pm \sqrt{(c_{11} - c_{22})^2 + 4(c_{12}c_{21})}\rfloor \quad (1)$$

2.9 References

References to the literature should be mentioned in the main text by an Arabic number in square brackets [1]. List these [2] (in numerical order) at the very end of your paper (under the heading References). Start each reference on a new line with its number in square brackets [3].

3 Fine tuning

- Do not end a page with a section or subsection heading.
- Keep footnotes to a minimum.
- Do not include page numbers in the text.

3.1 Finalization

After proofreading and correcting the typed sheets, write in pencil (lightly) on the back (top right hand corner) of each sheet: your name and the sheet number. Mark the very last sheet by “Last Page”. Keep a photocopy of the finished manuscript for your own record and send the original copy (paper and electronic version) to Dr. Pierre Valin, whose address is given on page 1.

Proper usage of the English language is expected of all submissions (i.e., Camera-Ready papers). Failure to follow the above specified guidelines may result in a submission being rejected for publication in the conference proceedings and CD ROM.

4 Sources of LaTeX information

For those who decide to use LaTeX typesetting language instead of MS Word, a separate example document can be found on the FUSION 2001 conference website at www.crm.umontreal.ca/fusion.

5 Conclusions

As presented in this article, data fusion involves the integration and application of many disciplines, including communication and decision theory, epistemology and uncertainty management, estimation theory, digital signal processing, computer science, and artificial intelligence.

References

[1] Anna A. Author1, *My best paper yet*, Best Conference in the World 2000, Optional sub-conference topic, editors if known, Conf. location and date, Proc. 1234, pp. 11–18.

[2] Barry B. Author2, and A. Friend, *Barry’s favorite journal paper*, A really great journal, Vol 37, No. 3, pp. 433–448, Feb. 2000.

[3] Nobel Laureate, *His book*, Publisher, Location, Year.