Paper Template for SST 2010 – Melbourne, Australia

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Abstract

This is the layout specification and template definition for the SST2010 Conference, which will be held in Melbourne Australia 14-16th December. The paper size is A4. The format is essentially the one used for IEEE ICASSP conferences. You must include index terms as shown below.

Index Terms: speech synthesis, unit selection, joint costs

1. Introduction

This template can be found on the conference website. Please use either an OpenOffice, MS-Word® or a LaTeX format file when preparing your submission. Information for full paper submission is available on the conference web site.

2. Page layout and style

Authors should observe the following rules for page layout. A highly recommended way to meet these requirements is to use a given template (OpenOffice, Word® or LaTeX) and check details against the corresponding example file.

2.1. Basic layout features

- Proceedings will be printed in A4 format. Authors must therefore submit their papers in A4 format.

- Two columns are used except for the title section and for large figures that may need a full page width.

- Left margin is 20 mm.

- Column width is 80 mm.

- Spacing between columns is 10 mm.

- Top margin is 25 mm (except for the first page which is 30 mm to the title top).

- Text height (without headers and footers) is maximum 235 mm.

- Headers and footers must be left empty (they will be added for printing and the SST2010 media).

- Check indentations and spacings by comparing to this example file (in PDF).

2.1.1. Headings

Section headings are centered in boldface with the first word capitalized and the rest of the heading in lower case. Sub-headings appear like major headings, except they start at the left margin in the column. Sub-sub-headings appear like sub-headings, except they are in italics and not boldface. See examples in this file. No more than 3 levels of headings should be used.

2.2. Text font

Times or Times Roman font is used for the main text. Font size in the main text must be 9 points, and in the References section 8 points. Other font types may be used if needed for special purposes. It is VERY IMPORTANT that while making the final PDF file, you embed all used fonts!

LaTeX users: users should use Adobe Type 1 fonts such as Times or Times Roman. These are used automatically by the SST2010.sty style file. Authors must not use Type 3 (bitmap) fonts.

2.3. Figures

All figures should be centered in the column (or page, if the figure spans both columns). Figure captions should follow each figure and have the format given in Figure 1.

Figures should be preferably line drawings. If they contain gray levels or colors, they should be checked to print well on a high-quality non-color laser printer.

Graphics (i.e., illustrations, figures) must not use stipple fill patterns because they will not reproduce properly in Acrobat PDF. Please use only SOLID FILL COLORS.

Figures which span 2 columns (i.e. occupy full page width) should be placed at the top or bottom of the page.

2.4. Tables

An example of a table is shown in Table 1. The caption text may be above or below the table.

2.5. Equations

Equations should be placed on separate lines and numbered. Examples of equations are given below. Particularly,

$$x(t) = s(f_\omega(t)), \tag{1}$$

where $f_\omega(t)$ is a special warping function

$$f_\omega(t) = \frac{1}{2\pi j} \oint_C \frac{v^{-1}dv}{(1-\beta v^{-1})(v^{-1}-\beta)}. \tag{2}$$

Table 1. *This is an example of a table.*

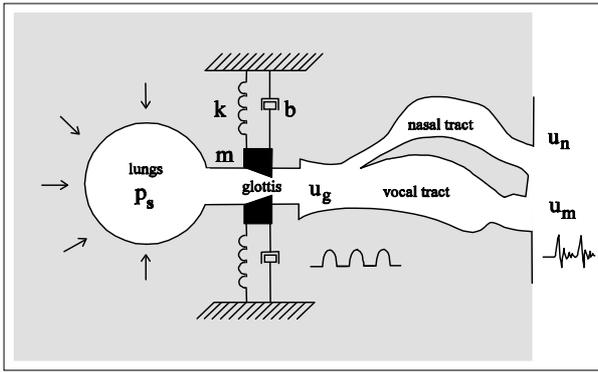| Ratio	Decibels
1/1	0
2/1	≈ 6
3.16	10
1/10	20
10/1	-20
100/1	40
1000/1	60

Figure 1: *Schematic diagram of speech production.*

A residue theorem states that

$$\oint_C F(z)dz = 2\pi j \sum_k \text{Re}\, s\big[F(z), p_k\big], \qquad (3)$$

Applying (3) to (1), it is quite straightforward to see that

$$1 + 1 = \pi . \qquad (4)$$

Finally, we have proven the secret theorem of all speech sciences. No more math is needed to show how useful the result is!

2.6. Hyperlinks

For technical reasons, the proceedings editor will strip all active links from the papers during processing. Hyperlinks can be included in your paper, if written in full, eg. "http://www.foo.com/index.html". The link text must be all black. Please make sure that they present no problems in printing to paper.

2.7. Page Numbering

Page numbers will be added later to the document electronically. *Don't make any footers or headers*!

2.8. References

The reference format is the standard IEEE one. References should be numbered in order of appearance, for example [1], [2], [3] and [4].

2.9. Abstract

The total length of the abstract is limited to 100 words. The abstract included in your paper and the one you enter during web-based submission must be identical. Avoid non-ASCII characters or symbols as they may not display correctly in the abstract book.

2.10. Author affiliation

Please list country names as part of the affiliation for each country.

2.11. Submitted files

Authors are requested to submit PDF files of their manuscripts. You can use commercially available tools or for instance http://www.pdfforge.org/products/pdfcreator. The PDF file should comply with the following requirements: (a) there must be no PASSWORD protection on the PDF file at all; (b) all fonts must be embedded; and (c) the file must be text searchable (do CTRL-F and try to find a common word such as 'the'). The proceedings editors (Causal Productions) will contact authors of non-complying files to obtain a replacement. In order not to endanger the preparation of the proceedings, papers for which a timely replacement is not provided will be withdrawn.

3. Discussion

This is the discussion. This is the discussion This is the discussion. Is there any discussion.

This is the next paragraph of the discussion. And the last sentence of it.

4. Conclusions

Authors must proof read their PDF file prior to submission to ensure it is correct. Authors should not rely on proofreading the Word file. Please proofread the PDF file before it is submitted.

5. Acknowledgements

Acknowledgements go here.

6. References

[1] Smith, J. O. and Abel, J. S., "Bark and ERB Bilinear Transforms", IEEE Trans. Speech and Audio Proc., 7(6):697-708, 1999.

[2] Soquet, A., Saerens, M. and Jospa, P., "Acoustic-articulatory inversion", in T. Kohonen [Ed], Artificial Neural Networks, 371-376, Elsevier, 1991.

[3] Stone, H.S., "On the uniqueness of the convolution theorem for the Fourier transform", NEC Labs. Amer. Princeton, NJ. Online: http://citeseer.ist.psu.edu/176038.html, accessed on 19 Mar 2008.

[4] Fant, G., Acoustic Theory of Speech Production, Mouton, 1960.