Algorithm X is better than Y when classify Z data 2017 — Norwich, UK

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Abstract

This is the paper layout specification and template definition for the 2009 CMP Research Day. You should submit either an 8 or 4 page paper according to your choice made the end of August. Following your abstract, you should include a list of keywords relating to the subject in your paper — these should appear as a comma separated list, as in the examples below. You have to submit it in latex, if you are not tex compliant use this template and get some help!

Index Terms: Relevant topics, list here, makes searching easier

1 Introduction

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2 Page layout and style

This document includes examples of all of the likely environments authors will require in their papers. You are strongly encouraged to compare your document with this reference example. Submissions that do not match the formatting laid out here will be returned to the submitting author for correction.

2.1 Sections

Section headings should be centred on the line, be in bold typeface, and only the first letter should be capitalised. Sub-headings are also in bold face, but appear flush left and are typeset in the base font size. Sub-sub-headings appear like sub-headings, except they are in italics and are not boldface. No more than 3 levels of headings are allowed.

2.2 Headers and Footers

All headers and footers must be left empty. Your document should not contain page numbers etc. These will be added later.

2.3 Lists

Itemised lists can be included in your document, but please check the indentation if you are not using LATEX. An example itemized list with the correct formatting should look like the following:

- First list item.
- Second list item.
- Third list item.

2.3.1 List Depth

Please try not to use hierarchical lists, these look cluttered in two-column format. Keep lists to a single level of depth.

2.4 Figures

All figures must be centred on the column (or page, if the figure spans both columns). A figure caption should follow the figure and be formatted like the example in Figure 1.
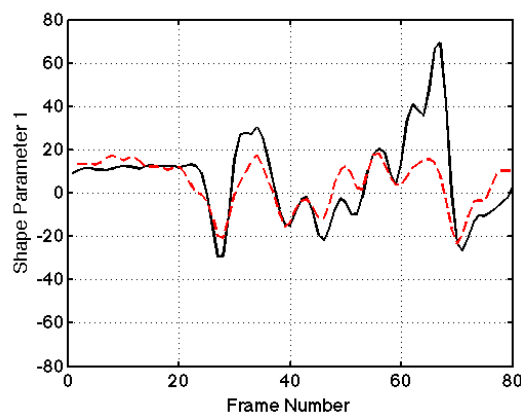

Figure 1: An example of a figure centred on a single column. The figure is not centred automatically. To centre the figure, use `\centering` within the `figure` environment.

Figures spanning multiple columns should appear either at the top or the bottom of the page. You can use the \figure* command to span a figure across both columns. An example is shown in Figure 2.

Figures should preferably be line drawings. The proceedings will not be produced in colour, so please do not rely on colour to distinguish between curves on a graphs, etc. You should check to ensure the figures print well on a good quality printer, and that there are no issues when colour figures are printed in grey-scale.

Before including any figures in your document you should ensure you have the necessary copyright permission.
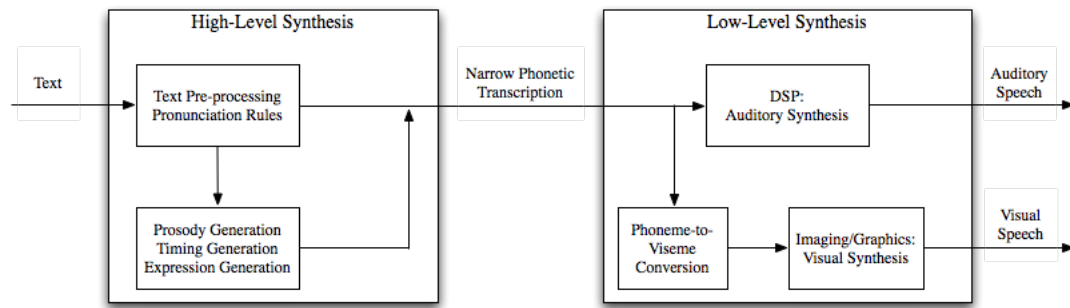
Figure 2: An example of a figure spanning both columns and centred on a page. Again, the figure is not centred automatically.

2.5 Tables

Tables should be centred on a column if possible. There is no strict requirement on the style as this will largely depend on the content to be displayed. An example table is shown in Table 1, but this is provided for illustrative purposes only.

Table 1: An example table.

Trial	Score
1	10
2	12
3	11
4	9
5	11
6	10

Note, for tables the caption should be above the table, as shown in Table 1.

2.6 Equations

Equations should appear on a separate line, they should be centred and they should be numbered. Some examples are:

$$y = mx + c, \tag{1}$$

which obviously is the equation of a straight-line of gradient m and intersecting the vertical axis at c. Another famous equation with m and c is

$$E = mc^2. \tag{2}$$

2.7 Fonts

You should use 9 point Times or Times Roman for the main text. All fonts should be embedded in the final PDF document.

2.8 Hyperlinks

Hyperlinks should be written in full, e.g., http://www.cmp.uea.ac.uk, and must be coloured black. For ease of readability, authors are advised to use a different font family from the main text.

2.9 Supplementary Material

Authors may submit supplementary material with their paper. However, this should not be included in place of a technical description of your work. Reviewers are not obliged to watch video sequences, and your submission will be reviewed on the strength of the paper only. If you are submitting a multimedia file, please use widely accepted formats/codecs. The conference proceedings will not include media players.

3 Conclusions

The page limit is 4–6 pages. Please, please use LaTeX to typeset your document. This will minimise any formatting headaches!

3.1 References

You must reference any papers you have had accepted or are under review here. Example references [1], audio-visual speech synthesis [2, 3], and audio-visual speech recognition [4, 5].

See the references section for the formatting of the references from different sources (conferences, journals, and books). The formatting of references follows the standard IEEE format, LaTeX users should download the IEEEtran bibliography format. References should be listed in order of citation.

References

[1] D. Massaro, *Perceiving Talking Faces*. The MIT Press, 1998.

[2] B. Theobald, J. Bangham, I. Matthews, and G. Cawley, "Near-videorealistic synthetic talking faces: Implementation and evaluation," *Speech Communication*, vol. 44, pp. 127–140, 2004.

[3] B. Theobald, S. Fagel, F. Elsei, and G. Bailly, "LIPS2008: Visual speech synthesis challenge," in *Proceedings of Interspeech*, 2008, pp. 1875–1878.

[4] S. Cox, Y. Lan, J. Newman, R. Harvey, and B. Theobald, "The variability of lip-reading," in *Proceedings of the International Conference on Auditory-Visual Speech Processing*, 2008, pp. 179–184.

[5] I. Matthews, T. Cootes, J. Bangham, and R. Harvey, "Extraction of visual features for lipreading," *IEEE Transactions on Pattern Analysis and Machine Intelligence*, vol. 24, pp. 1–16, 2002.