Proceedings Paper Template for ISSP 2020

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Abstract

This is the layout specification and template definition for Proceedings Papers of the 13th International Seminar on Speech Production, which will be held in Autrans, France over May 14-17, 2024. This template is sized in A4 (ISO 216, 210 mm x 297mm). You must include keywords (up to 5) as exemplified below. The total length of the abstract is limited to 1000 characters.

Keywords: speech production, speech synthesis

1. Introduction

Information for full paper submission is available on the conference website (https://issp24.sciencesconf.org/). Full papers should be no longer than four pages in length.

2. Page layout and style

All papers must be submitted in PDF format in compliance with the provided template. Please check details of your final PDF submission against the template example file.

2.1. Basic layout features

- Two columns are used except for the title section.
- Left margin is 20 mm.
- Column width is 80 mm.
- Spacing between columns is 10 mm.
- Top margin is 25 mm.
- Text height (without headers and footers) is maximum 235 mm.
- Headers and footers should remain empty.
- Do not include page numbers.

2.1.1. Headings

Section headings are in boldface with the first word capitalized and the rest of the heading in lower case. Sub-headings appear like major headings. Sub-sub-headings appear like sub-headings, except they are in italics and not boldface. 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. Note that all fonts must be embedded in the final PDF.

2.3. Figures and Tables

All figures and tables should be centered in the column. Figure captions should follow each figure and have the format shown in **Figure 1**.

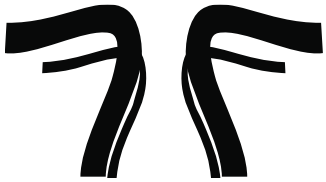

Figure 1: *This is an example figure.*

Table captions should precede each table and have the format shown in **Table 1**.

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

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

2.4. Equations

Equations should be placed on separate lines and numbered. An example is provided below (1).

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

2.5. Submitted files

Authors are requested to submit their manuscripts in PDF format. The PDF file should comply with the following requirements: (a) no password protection; (b) all fonts must be embedded; and (c) the file must be text searchable.

2.6. References

Inline citations should use the Author (date) form, as in Mermelstein (1973), Dang & Honda (2002), or Perrier *et al*. (2003). For multiple citations use e.g. (Maeda 1990; Mermelstein 1973).

2.7. Abstract

The total length of the abstract is limited to 1000 characters. The abstract included in your paper and your originally submitted 2-page abstract should describe the same work.

2.8. Author affiliation

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

3. Methods

The methods and approach should be presented in this section.

4. Results

Results should be presented in this section.

5. Discussion and conclusion

The relevance of the presented work should be discussed in this section.

6. Acknowledgements

The ISSP 2024 organizing committee would like to thank the scientific committee for their advice.

7. References

Dang, J., & Honda, K. (2002). Estimation of vocal tract shapes from speech sounds with a physiological articulatory model. *Journal of Phonetics*, 30(3), 511-532.

Maeda, S. (1990). Compensatory articulation during speech: Evidence from the analysis and synthesis of vocal-tract shapes using an articulatory model. In W. Hardcastle & A. Marchal (Eds.), Speech production and speech modelling. Dordrecht: Kluwer Academic. 131-149.

Mermelstein, P. (1973). Articulatory model for the study of speech production. The Journal of the Acoustical Society of America, 53(4), 1070-1082.

Perrier, P., Payan, Y., Zandipour, M., & Perkell, J. (2003). Influences of tongue biomechanics on speech movements during the production of velar stop consonants: A modeling study. *The Journal of the Acoustical Society of America*, *114*(3), 1582-1599.