# Proceedings Paper Template for ISSP 2024

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## Abstract

*This is the layout specification and template definition for Proceedings Papers for 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.

LATEX users: the document should compile successfully after

- an initial call to `pdflatex *.tex`
- followed by a call to `biber *.bcf`
- followed by two more calls to `pdflatex *.tex`

A useful online tool for compiling the PDF from LATEX files is `https://www.overleaf.com`

## 2. Page layout and style

All papers must be submitted 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 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.

LATEX users: font types, font face and type size should be pre-defined in either the document body or the issp2024.sty style file.

### 2.3. Figures and Tables

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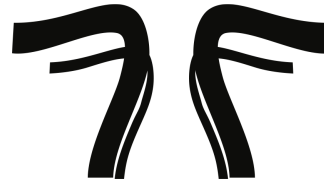


Figure 1: *Logo of ISSP.*

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

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

| Ratio | Decibels |
|---|---|
| 1/1 | 0 |
| 2/1 | $\approx 6$ |
| 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.

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

### 2.5. Submitted files

Authors are requested to submit their manuscripts in PDF format. The PDF file should comply with the following require-

ments: (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 and 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 abstract should describe the same work.

### 2.8. Author affiliation

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

## 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. and K. Honda (2002). "Estimation of vocal tract shapes from speech sounds with a physiological articulatory model". In: *Journal of Phonetics* 30.3, pp. 511–532.

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

Mermelstein, P. (1973). "Articulatory model for the study of speech production". In: *The Journal of the Acoustical Society of America* 53.4, pp. 1070–1082.

Perrier, P., Y. Payan, M. Zandipour, and J. Perkell (2003). "Influences of tongue biomechanics on speech movements during the production of velar stop consonants: A modeling study". In: *The Journal of the Acoustical Society of America* 114.3, pp. 1582–1599.