Audio Engineering Society

A picture containing black, darkness

Description automatically generated

Conference Paper

Presented at the AES International Conference on Artificial Intelligence and   
Machine Learning for Audio  
2025 September 8-10, London, UK

*This paper was peer-reviewed as a complete manuscript for presentation at this conference. This paper is available in the AES E-Library* [*(http://www.aes.org/e-lib)*](http://www.aes.org/e-lib)) *all rights reserved. Reproduction of this paper, or any portion thereof, is not permitted without direct permission from the Journal of the Audio Engineering Society.*

**Paper title**

John Smith1, Teri Jones1,2, and John Maclane2

1First University  
2Second company

Correspondence should be addressed to John Smith (john.smith@fakemail.com)

**ABSTRACT**

Enter your abstract here, blah blah blah blah …………… ………… ……………… …………….. …………. …………… ………… ……………… …………….. ………….…………… ………… ……………… …………….. ………….…………… ………… ……………… …………….. ………….…………… ………… ……………… …………….. ………….…………… ………… ……………… …………….. ………….…………… ………… ……………… …………….. ………….

# Introduction

The following chapters specify instructions for the *authors* of AES Conventions. This template is intended to simplify writing a manuscript that fits to the style and layout of the conference proceedings. Please read carefully the instructions below to see if your manuscript prints as desired. If you have any problems using this template contact aes@aes.org

# Paper layout

The submission and final paper layout is a *one-sided, two-column* format with the font size of **10pt** and typeface **Times** or **Times New Roman**. The running header and footer appear on all pages except the first.



Figure 1. Figure caption.

# Style

Good grammar should be used and writing should be easy to understand. Superlatives should be omitted. Words and phrases shall not be abbreviated in titles, abstracts, nor the first time they appear in the text. Metric units according to the System of International Units (SI) should be used.

# Page Headers

Please do not forget to add the surnames of the paper authors and the title of your paper in the left and right corner of the page header, respectively. For 1 or 2 authors all names should be included in the header. For more than 3 authors the header naming should read "[1st author] et al.".

# Figures

Figures, diagrams, and charts must be dark enough to reproduce in black only. If you are using color in a graph or chart to designate meaning, make sure that the meaning is not lost when your paper is printed on a B&W printer. Do this by using redundant text or symbols to identify color lines. Minimum line width is 1/2 point. Figures should fit into either one or two columns. Nevertheless, the authors should use all possible methods to maximize the clarity of the figures.

Figures, tables, and illustrations should be placed consecutively in the text, as close as possible to their reference in the text. Figures must be normally oriented on the page and not turned sideways. All drawings and figures must be numbered (Fig. 1 etc.) and captioned.

Figure labels must be legible, at least 7 point size, using Helvetica font for preference. Filled areas should use screens of dots or cross-hatching rather than grey fills.

Photographs and graphic images should be saved as high-resolution (150 dpi) files and embedded in the text following the same guidelines as those outlined above for figures and tables.

Figures (especially two-column ones) should be placed either to the top or the bottom of the page.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Tercel | Civic | Escort | MX-3 |
| Toyota | 1.00 | 0.83 | 0.87 | 0.48 |
| Honda | 0.83 | 1.00 | 0.73 | 0.18 |
| Ford | 0.87 | 0.73 | 1.00 | 0.16 |
| Mazda | 0.48 | 0.18 | 0.16 | 1.00 |

Table 1. ChevyNOVA analysis of multidimensionally-scaled data.

# Equations

Equations should be placed on separate lines and numbered. Also make sure that equations are readable in a printout.

 (1)

Where  is the calculated quantum interval

 (2)

It can be shown that

 (3)

where

 (4)

Applying theorem 3 to 1, the theory of phase transitions with differential nonlinearity can be expressed using Equation 5.

 (5)

# Convert to PDF

You must convert your paper to PDF format before submitting it. Make sure to embed your fonts and graphics, but do not use password protection. File sizes on EasyChair (the current paper submission system) are limited to 20 Mbytes.

Papers for AES conventions are not edited by the AES editorial staff. Papers will be published exactly as submitted. It is therefore important that authors prepare their manuscripts in accordance with these guidelines.

Photographs and graphic images need to be embedded in the text following the same guidelines as those outlined above for figures and tables. You may need to reduce the resolution of your graphics if the file size of the document becomes too large.

Check your PDF file before submission. Are the figures easy to read? Did any of the figures or text move from where it was supposed to be? Are the page breaks correct? If not adjust your PDF rendering settings.

# Conclusions

This paper has described how better harmony has not only been achieved by bringing together many different types of bear in a musical context, but also how the outlined technology can be used to cross borders of species.

**References**

1. J. Powers, *Eeyore's Gloomy Little Instruction Book*, Dutton Books (1996).
2. A. Camus, “The Art of Autoreferencing” *Journal of Self-Absorption* vol. 30, no. 2, pp. 1—2 (1998).
3. A. Sokol, “Transgressing the Boundaries: Toward a Transformative Hermeneutics of Quantum Gravity,” *Social Text* vol 46/48, pp. 217—252 (1996).