TITLE OF THE PAPER FOR the
10th Berlin Beamforming Conference

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ABSTRACT

These are the instructions for authors for the preparation of manuscripts for inclusion in the BeBeC 2024 Proceedings using Word©. The proceedings will be published digitally and on the BeBeC website. The purpose of these instructions is to ensure uniformity in the layout and typography of the papers. Papers have to be submitted in Portable Document Format (PDF). Instructions for converting the document into PDF are given in section 3.2 of this template. The abstract with a maximum of 200 words should be written using 11-point Times New Roman (or similar serif type font) with a margin of 3.5 cm on both sides. The abstract should not include equations, numbered references or footnotes. The extended abstract to be submitted when registering for the conference should be longer and must be submitted until 26 February 2024 and the full paper (at least four pages) until 20 May 2024 to the e-mail address: **info@bebec.eu** .

# INTRODUCTION

This section contains the basic rules for formatting your paper. The font Arial is specified for headings. Other similar sans serif fonts such as Helvetica may be substituted. For body text, the font Times New Roman is specified. A similar serif type font may also be substituted. All papers are expected to be **at least four pages** in length, including figures, tables, and illustrations. The exclusive use of the international SI units is required. United States customary units may be added in parentheses. Only manuscripts in English will be accepted. The technical programme committee reserves the right to reject any manuscript based on the final submission, even if the original abstract submitted during registration was previously accepted.

# MANUSCRIPT FORMAT

## Layout of title and abstract

On top of the first page, the logo for the BeBeC is located. The right upper corner contains the paper number, which will be assigned when the paper is accepted for the conference. Below the logo, the title of the paper should be written in 16-point Arial bold type. The names of the authors should be written below the paper title in 12-point Times New Roman bold type and centred. After the authors, the corresponding affiliations should be listed in 11-point Times New Roman and centred. For the main author, the postal address is included.

The top margin for the first page should be 6.35 cm, the bottom margin 4.35 cm and the side margins 2.5 cm. The header containing the logo should be placed 1.7 cm from the top edge of the page and the footer should be placed 2 cm from the bottom edge.

## Page and margin settings

The paper size should be A4 (210 mm × 297 mm). The top margin should be set to 4 cm, the large bottom margin of 3.5 cm is chosen to allow copying on American Letter paper size. The side margins are 2.5 cm. The pages should be numbered – centred at the bottom of the page – beginning with 1 from the first page. The header should contain the text “10th Berlin Beamforming Conference 2024” on the left and the names of the authors on the right. The header should be placed 2.5 cm from the top edge of the page and the footer 2 cm from the bottom edge.

## Headings

First-level headings should be left-justified in 12-point Arial bold type with all capital letters and numbered (e.g., 1. INTRODUCTION, 2. PREVIOUS WORK, etc.). Exceptions are the ABSTRACT (centred and not numbered) and the REFERENCES (not numbered). Second-level headings should be left-justified in 12-point Arial bold type, upper and lower case, and alphabetically ordered (e.g., 2.1 State of the art, 2.2. Future applications, etc.). Third-level headings are output without numbers.

## Body text

The body text should be 12-point Times New Roman. If this font is not available, a similar serif type font may be substituted. The first line of a paragraph should be indented by 0.5 cm. Single line spacing should be used.

## Graphics

All graphics, charts, tables, equations, illustrations, photos, etc. should be centred and numerically ordered. Captions should be left-justified in 11-point Times New Roman italic type and located below the figure or above the table. Single line captions are centred. For clarity, the use of coloured graphics is recommended.

Figures should be referenced in the text as “Fig. 1.” When the reference to a figure begins a sentence, the abbreviation “Fig.” should be spelled out, e.g., “Figure.” In Fig. 1, since and cosine waves are shown”. Equations should be referenced within the text as “Eq. (1).” When the reference to an equation begins a sentences, it should be spelled out, “Equation (1).” Tables are referenced as “Table 1.”



Fig. 1. Example of a figure. This caption is left-justified and written in 11-point Times New Roman italic type font.

Table 1. Example of a table. This caption has the same font as for the figure and is located above the table.

|  |  |  |
| --- | --- | --- |
|  | Location 1 | Location 2 |
| Measurement 1 | 94 dB  | 87 dB |
| Measurement 2 | 95 dB | 85 dB |

An example of an equation is given below.

|  |  |
| --- | --- |
|  | (1) |

# PAPER SUBMISSION

## Instructions for submitting the paper

The paper should be submitted to the Conference Secretariat as an e-mail attachment to **info@bebec.eu**. **Please insert your paper number (e.g. BeBeC-2024-D01) or title in the e-mail subject field.**

The papers must be submitted in Adobe’s Portable Document Format (PDF) version 1.3 or higher (Acrobat 4.0 or higher). The PDF document should not have any security settings enabled as this prevents the post-processing of the file for publication. All fonts should be embedded in the PDF document to guarantee further viewing of the document in all environments.

The author is advised to check the PDF document carefully using a PDF Reader to ensure a proper conversion. No error messages should appear while opening the document. Common problems include missing or incorrectly converted symbols (especially mathematical symbols) and failures in showing figures.

## Instructions for the PDF conversion

PDF-Documents can be created directly from Word when FreePDF (free download available) or Acrobat is installed on the computer. The pdf-output is offered as a printer.

# Conclusions (OR SUMMARY)

The last section before the references is normally the CONCLUSIONS or SUMMARY.

REFERENCES

The list of references should be Times New Roman type, and should be ordered numerically. Examples of reference styles are given below.

Citations in the text should be written as numbers enclosed in brackets [1]. Multiple citations should be separated by comma [1,2].

An example for an article with DOI is [2]. A digital object identifier (DOI) can be used to cite and link to electronic documents. A DOI is guaranteed to never change, so you can use it to link permanently to electronic documents.

[1] S. Guérin and C. Weckmüller. “Frequency-domain reconstruction of the point-spread function for moving sources.” BeBeC-2008-14, 2008. URL http://www.bebec.eu/Downloads/BeBeC2008/Papers/BeBeC-2008-14\_Guerin\_Weckmueller.pdf, Proceedings on CD of the 2nd Berlin Beamforming Conference, 19-20 February, 2008.

[2] Q. Leclère. “Acoustic imaging using under-determined inverse approaches: Frequency limitations and optimal regularization.” J. Sound Vib., 321, 605–619, 2009. doi:10.1016/j.jsv.2008.10.022.

[3] U. Michel and P. Böhning. “Investigation of aircraft wake vortices with phased microphone arrays.” AIAA-2002-2501, 2002. 8th AIAA/CEAS Aeroacoustics Conference, Breckenridge, Co, 17-19 June 2002.

[4] P. Sijtsma. “CLEAN based on spatial source coherence.” Int. J. Aeroacoustics, 6, 357–374, 2007.