

# GUIDELINES FOR PAPER PREPARATIONS FOR THE 9<sup>TH</sup> GRAZ BRAIN-COMPUTER INTERFACE CONFERENCE 2024 (GBCIC2024)

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**ABSTRACT:** Instructions are provided for preparing papers for the upcoming The 9<sup>th</sup> Graz Brain-Computer Interface Conference 2024. They are intended to guide the authors in preparing camera-ready hardcopy as well as the electronic form of their papers.

The abstracts will be published in the proceedings of The 9<sup>th</sup> International Brain-Computer Interface Conference 2024 by the Verlag der Technischen Universität Graz. A maximum of 6 pages may be submitted. Only papers prepared according to these instructions and which are submitted via the online system before February 29<sup>th</sup> 2024 will be published. Completed registration of the presenting contributor is a further requirement.

## INTRODUCTION

The guidelines for the composition of the scientific contributions will be scheduled subsequently. The official language of the conference and for the scientific contributions is English (if required, consult a native speaker). The abstract must not exceed 160 words (no indent).

Please read the following guidelines carefully before composing your contributions. All contributions will be published in the proceedings of The 9<sup>th</sup> International Brain-Computer Interface Conference 2024 by the Verlag der Technischen Universität Graz as an e-book including dois. The proceedings will be available at the beginning of the conference.

The following set of guidelines (used as an example) must be followed to ensure a consistent form.

## MATERIALS AND METHODS

*Page size:* Use DIN A4 Format (210 mm x 297 mm). Only this size will be accepted.

*Margin:* Upper and lower margins 25 mm, left and right margins 20 mm.

*Font:* Use “Times” or “Times New Roman”.

*Title:* The title (font size 14, bold, capital letters) mustn't exceed more than two lines.

Center the title, name of the author, name of the Institution, and e-mail address. Indicate the affiliation of the author(s) by superscript as stated above. Use normal font

for the name of the authors and the name of the institutions as well as for the e-mail address, font size 12.

The various font sizes to be used are specified in Tab. 1. Spacing between e-mail address and the beginning of the text are two lines.

*Page layout:* Arrange the text in two columns, 80 mm width each and a spacing of 10 mm between, with approximately the same length of text.

*Page numbering:* Please do not use page numbering since we will add a numbering for the whole proceedings.

*Length:* There are up to 6 pages in DIN A4 designated for every accepted scientific contribution.

*Stylistic achievement:* Use separate sections for introduction, methods, results, discussion, conclusion, acknowledgements and references.

*Illustrations and tables:* Illustrations and tables are to be referred in the text e. g.: Fig. 1 and/or (Fig. 1) or Tab. 1 and/or (Tab. 1). The figures and tables should be trained into the text – you find a sample in this text. If necessary, illustrations and tables may extend over the width of a whole side. The illustration(s) must be provided e. g. in JPEG or TIFF format with sufficiently high resolution.

*Labels of illustrations and tables:* Mark illustrations and tables as follows: Figures receive a caption, tables a heading. Heading and caption are to be aligned left justified in each case. Please note that – different from figures – tables may only contain alphanumeric indications, i. e. no graphic elements. No indications having a font size smaller than 8 should be used.

*Chapter headings:* (e. g. METHODS) are to be set in capital letters (font size 10), should have no indent and should be separated from the text by a blank line in each case. For subsections, use 5 characters as indent and italic font.

Tab. 1 indicates the letter sizes and Fig. 1 shows as an example of an illustration the logo of the Institute of Neural Engineering – Graz BCI Lab.

*References:* are to be designated in the text with Arabic numerals in square brackets. At the end of the paper the citations are to be listed under the section REFERENCES in numeric order (this section forms the last one of your contribution). For articles with more than six authors, state only the first six and add “et al.” for the rest.

Table 1: Letter types and sizes

Object	Size	Font style
Title	14	Capital, bold
Names of authors	12	Standard
Names of institutions	12	Standard
E-mail address	12	Standard
Chapter headlines	10	Capital
Text	10	Standard



Figure 1: The logo of the Institute of Neural Engineering.

## RESULTS

The submitted papers will be directly incorporated into the conference volume. Examine your text for punctuation marks and orthography as well as design, so that e.g. no incomprehensible word separations emerge or columns end with a heading. Your contribution must be submitted via our EasyChair page in one of the following formats: DOCX (Microsoft Word) or TEX (LaTeX). Only papers submitted prior to February 29<sup>th</sup> 2024 will be considered.

In addition, we also require that your contribution will be submitted as a PDF file. All images (TIFF, JPEG or EPS) should also be attached. For submitting your contribution, all files should be compressed into one file (ZIP format recommended).

The submitted (not read/copy-protected) PDF file helps us to be able to compare the layout of your contribution in the conference volume with the form you desire.

## DISCUSSION

Please prepare your contributions in accordance with the format given here. We can't accept contributions which are not following these guidelines. You can find the latest information on the conference at the website:

<https://bci.tugraz.at/GBCIC2024/>

## CONCLUSION

Important: Completed documents must be submitted via our EasyChair page not later than February 29<sup>th</sup> 2024.

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## REFERENCES

Please cite books [1], book chapters [2], journal articles [3] and conference proceedings [4] in this style:

- [1] Pfurtscheller G, Lopes da Silva F. Handbook of Electroencephalography and Clinical Neurophysiology – Event-related desynchronization. Elsevier, Amsterdam, Netherlands (1999).
- [2] Gilly H. Anästhesiegase. N<sub>2</sub>O und volatile Anästhetika. In: List WF, Metzler H, Pasch T (Ed.). Monitoring in Anästhesie und Intensivmedizin. Springer, Berlin-Heidelberg-New York, 1995, pp. 367–391.
- [3] Müller GR, Neuper C, Pfurtscheller G. Implementation of a telemonitoring system for the control of an EEG-based brain-computer interface. IEEE Trans. Neural. Syst. Rehab. Eng. 2003;11(1):54–59.
- [4] Schlögl A, Anderer P, Roberts SJ, Pregenzer M, Pfurtscheller G. Artefact detection in sleep EEG by the use of Kalman filtering. In: Proc. EMBEC'99. Vienna, Austria, 1999, 1648–1649.