

# Guidelines for Authors of the Proceedings Volume of the 28th Annual Conference of the GfKI

Claus Weihs<sup>1</sup> and Wolfgang Gaul<sup>2</sup>

<sup>1</sup> Fachbereich Statistik,

Universität Dortmund, 44221 Dortmund, Germany

<sup>2</sup> Institut für Entscheidungstheorie und Unternehmensforschung,

Universität Karlsruhe (TH), 76128 Karlsruhe, Germany

**Abstract.** A proceedings volume of the 28th Annual Conference of the GfKI will be published as a special volume in the Series “Studies in Classification, Data Analysis, and Knowledge Organization” by Springer-Verlag. In these guidelines we describe the format instructions and the submission procedure both to be followed seriously. The text of these guidelines is written in the prescribed format and can be used as a specimen.

## 1 The format of the text

Please, use the style file `gfk12004.cls`. This file takes care of all the formatting.

**Please, use only the `gfk12004.cls` style file and standard fonts.**

**Please, do not include other packages than the ones used above.**

## 2 Heading, abstract, and sections

For the heading, specify the following items:

- `\title*` to specify the title of your manuscript,
- `\toctitle` to specify the title to be used in the table of contents,
- `\titlerunning` to specify the title in the running head,
- `\author` to specify the authors. Authors are separated by the `\and` command. Use the `\inst{1}`, `\inst{2}`, ... commands to define the reference mark to your affiliation.
- `\authorrunning` to specify the author names in the running heads. If there are more than two authors, please, abbreviate the authors' list (e.g., Opitz et al.).
- `\institute` to specify your affiliation and your address. Separate two or more different affiliations by the `\and` command.

An abstract (6–9 lines) is to be included after the heading using the commands `\begin{abstract} ... \end{abstract}`. Do not specify keywords in your paper.

Please, use only the L<sup>A</sup>T<sub>E</sub>X sectioning commands `\section` and `\subsection`. Do not use a deeper hierarchy. Considering the length of the manuscript, we recommend only using the `\section` command. Only capitalize the first word of the (sub)section title.

### 3 Length of the paper, figures, tables, and equations

The manuscripts should have a length of approximately **8 pages** using the `gfk12004.cls` style file.

Each figure or table must have a caption, explaining in brief your figure or table, e.g., “Fig. 3. Plot of ... .” or “Table 1. Data of ... .” (arabic numbering). Use capitalization when referring to a figure or a table in the text, for example, “In the center of Figure 3, the clusters ...”.

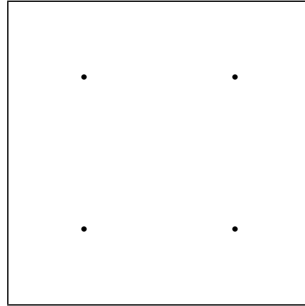
Figures and tables must be included at the appropriate place in the text. Please, do not use colored figures. Please, provide the figures only using the L<sup>A</sup>T<sub>E</sub>X picture commands or in `eps` (Encapsulated PostScript) format. A figure contained in the `eps`-file `yourfile.eps` can be included as follows:

```
\begin{figure}[t]
  \centerline{
    \includegraphics[width=.8\textwidth]{yourfile.eps}}
  \caption{This is a sample of how to include an
    eps graphics file in your manuscript.}
  \label{fig:ExampleEPSfile}
\end{figure}
```

The `[width=.8\textwidth]` option specifies that the graphics will to be reduced to 80%. The `\includegraphics` command makes use of the `graphicx` style file, which is a standard L<sup>A</sup>T<sub>E</sub>X graphics tool for including `eps`-figure files.

A figure containing only L<sup>A</sup>T<sub>E</sub>X picture commands can be specified as

```
\begin{figure}[t]
  \setlength{\unitlength}{4cm}
  \centerline{
    \begin{picture}(1,1)(0,0)
      \linethickness{.5pt}
      \put(0,0){\framebox(1,1){}}
      \put(0.25,0.25){\circle*{.02}}
      \put(0.25,0.75){\circle*{.02}}
      \put(0.75,0.75){\circle*{.02}}
      \put(0.75,0.25){\circle*{.02}}
    \end{picture}
  }
```



**Fig. 1.** This is an example of a figure that uses only the  $\LaTeX$  picture commands. It contains four points.

```

\end{picture}}
\caption{This is an example of a figure that uses only
the \LaTeX\ picture commands. It contains four points.}
\label{fig:ExamplePicture}
\end{figure}

```

Equations should be typed using the  $\LaTeX$  commands `\begin{equation}` `... \end{equation}`. For example:

$$g(\mathcal{C}) := \sum_{i=1}^m \sum_{k \in C_i} \|x_k - \bar{x}_{C_i}\|^2. \quad (1)$$

If you do not want the equation to be numbered, use `\begin{displaymath}` `... \end{displaymath}` instead of `{equation}`.

## 4 Submission of papers, deadlines

Send your paper by e-mail to Prof. Dr. Claus Weihs at

GfK12004@statistik.uni-dortmund.de

The deadline for submission is **March 26, 2004** (for contest papers **November 15, 2003**). At that time, we only need a **pdf** or **ps** version of your correctly formatted paper for the review process. If the paper passes the review, we will also need the following:

- your paper in  $\LaTeX$ ,
- the **eps** files for figures (if any), and
- a list of approximately 10 keywords for the index of the volume.

While submitting their paper, authors automatically leave the copyright to the editors or the publisher.

## 5 Specifying references

Please, use the following citation style within the text: Bock (1974) (in parentheses: Bock (1974)), Baier and Gaul (1999). In the case of more than two authors: first author et al.

The list of references at the end of your paper must be in **alphabetical order**. Please, use the style of the following specimen which shows examples for the citation of books, articles, and papers in proceedings volumes.

### References

- BAIER, D. and GAUL, W. (1999): Optimal Product Positioning Based on Paired Comparison Data. *Journal of Econometrics*, 89, 365–392.
- BOCK, H.H. (1974): *Automatische Klassifikation*. Vandenhoeck & Ruprecht, Göttingen.
- BRUSCH, M. and BAIER, D. (2002): Conjoint Analysis and Stimulus resentation: a Comparison of Alternative Methods. In: K. Jajuga, A. Sokółowski and H.H. Bock (Eds.): *Classification, Clustering, and Analysis*. Springer, Berlin, 203–210.