MCDA-2004 Conference Guidelines for Authors

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Abstract. A refereed selection of papers of the 11th Conference of the Multicriteria Decision Aiding and Optimisation Conference 2004 (MCDA 2004) will be published as a Proceedings volume. 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.
Keywords: Conference, MCDA 2004, Style file.

1 The format of the text

Please use the style file `mcda2004.cls`. This file takes care of all the formatting. You can download this style file, together with a sample file `article-mcda2004.tex` at the MCDA 2004 conference web site: `http://mcda59.enst-bretagne.fr/`

Please use the `mcda2004.cls` style file and standard fonts. Use other style files only if it is absolutely necessary in order to typeset your text.

If you have any problems with our file format please contact:

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2 Heading, abstract, keywords, 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` specifies the authors. Authors are separated by the `\and` command. Use the `\inst` command to define reference marks to your affiliations if needed.

- `\index` to allow each of the authors to appear in the author index.
- `\authorrunning` to specify the author name(s) in the running head. If there are more than two authors, please abbreviate the author list (e.g., Vaillant et al.) for the running head.
- `\institute` command lets you specify the your affiliation and your address. Separate two or more different affiliations by the `\and` command.

An abstract is to be included after the heading using the commands `\begin{abstract} ... \end{abstract}`. Specify up to 5 keywords using the `\keyword` command, once for each keyword.

Please use only the LaTeX 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 Figures, tables, and equations

Each figure or table must have a caption, briefly explaining this figure or table, e.g., "Fig. 3. Plot of ... ." or "Table 1. Data of ... ." (arabic numbering). Use the `\ref` command when refering to a figure or a table in the text, for example: "Dealines are available in table 1".

April 28, 29 and 30 2004	MCDA 2004 Conference
January 30 2005	Camera ready paper

Table 1. Deadlines and important dates

LaTeX source for table 1:

```
\begin{table}
  \begin{center}
    \begin{tabular}{|rc|l|}
      \hline
      April 28, 29 and 30 & 2004    & MCDA 2004 Conference\\
      \hline
      January 30 & 2005 & Camera ready paper\\
      \hline
    \end{tabular}
  \end{center}
  \label{tab:dead_lines}
  \caption{Deadlines and important dates}
\end{table}
```

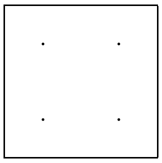

Fig. 1. This is an example of a figure that uses only the LaTeX picture commands. It contains four points.

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 LaTeX picture commands, or in eps (Encapsulated PostScript) format. A figure contained in the eps-file `yourfile.eps` can be included as follows:

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

The `[width=.8\textwidth]` option specifies that the graphics has to be reduced to 80%. The `\includegraphics` command makes use of the graphicx style file, which is a standard LaTeX graphics tool for including eps-figure files.

A figure (cf. Fig 1) containing only LaTeX picture commands, can be specified as

```
\begin{figure}[t]
  \setlength{\unitlength}{2cm}
  \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}}
  \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:

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

If you do not want the equation to be numbered, use `displaymath` instead of `equation`. For example:

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

4 Specifying references

The reference style is defined in `mcda2004References.sty`. Please use the `\cite` command to refer to other works in your text. For example [Roy, 1985] for single author. Please note that you need to protect the `\cite` command when used within an `\itemize` environment.

References will appear as follows:

- [Roy, 1985] for single author
- [Moscarola and Roy, 1977] in case of two authors
- [Coombs *et al.*, 1975] for more than two authors

5 Camera ready papers, deadlines

Accepted papers will be published in MCDA 2004 Conference proceedings.

Final submission will consist of:

- the LaTeX file,
- the bibliography file,
- a `pdf` version of your paper,
- possibly `eps` files for figures, and
- any other file that is necessary to typeset your manuscript in LaTeX.

The deadline for Camera ready papers is **January 30, 2005**. Please send all your files at `mcda59@enst-bretagne.fr`.

References

[Coombs *et al.*, 1975]C. H. Coombs, R. M. Dawes, and A. Tvsersky. *Psychologie mathématique*. Number 1. Presse Universitaire de France, 1975.

[Moscarola and Roy, 1977]J. Moscarola and B. Roy. Procédure automatique d'examen de dossiers fondée sur une segmentation trichotomique en présence de critères multiples. *R.A.I.R.O. Recherche oprationnelle/Operations research*, 11(2):145–173, 1977.

[Roy, 1985]B. Roy. *Méthodologie multicritère d'aide à la décision*. Ed. Economica, collection Gestion, 1985.