LaTex Template for an MeTrApp 2011 Paper

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Abstract. MeTrApp 2011 conference aims to provide a special opportunity for the scientists to exchange their know-how and build up collaboration in the mechanism science field and its applications. Each submission will be rigorously reviewed. The Scientific Committee will choose the papers to be published in an edited book by Springer. The format of this example will result when using the *svmult* LaTeX class file. Note that this formatting is now required by Springer. Your manuscript must be sent in LaTeX format with figures in eps-format to metrapp-2011@mec.upt.ro.Please attach also a complete version in pdf-format for double-checking.

Key words: Please indicate four to five keywords, which will also be used for composing the Subject Index.

1 Introduction

The manuscript should be written up to 8 pages and even number of pages. A manuscript of more than 8 pages will not be accepted. The paper should contain an abstract, an introduction, a main text, conclusions, and references. The following are some examples of a typical equation, figure, table, citations and references. Please do not change the proposed formatting by introducing unappropriate commands in the text or by fixing the provided class file.

1.1 Paragraphs and indents

As you will see from the result of this sample paper, the class file will produce subsection titles that are all boldfaced. The indents of the paragraphs are done automatically. Please note that the first line of text that follows a heading is not indented, whereas the first lines of all subsequent paragraphs are. Instead of simply listing headings of different levels we recommend to let every heading be followed by at least a short passage of text.

For unnumbered lists we recommend to use the *itemize* environment – it will automatically render Springer's preferred layout.

2 Equations

Equations should be centered and numbered. They should be referenced in the text as, for instance, Eq. (1). Please use adequate letter fonts (including size and type). An example of equation is as follows

$$\mathbf{G} = \begin{pmatrix} 1 & 0 & 0 & 0 \\ a_i & 1 & 0 & 0 \\ 0 & 0 & \cos(\alpha_i) & -\sin(\alpha_i) \\ d_i & 0 & \sin(\alpha_i) & \cos(\alpha_i) \end{pmatrix}. \tag{1}$$

3 Figures

Figures should be centered and referenced in the text as, for example, Figure 1. Please use adequate letter fonts (including size and type) and line width. The example follows.

As you see in Figure 1, the figure caption is automatically generated in the proper format.

Fig. 1 The geometry, kinematics and forces equilibrium on a current position of a cam mechanism with roll translating follower. Please write your figure caption here.

4 Tables

Tables should be centered and referenced in the text as, for example, Table 1.

Table 1 Please write your table caption here.

Description 1	Description 2	Description 3	Description 4
Row 1, Col 1	Row 1, Col 2	Row 1, Col 3	Row 1, Col 4
Row 2, Col 1	Row 2, Col 2	Row 2, Col 3	Row 2, Col 4
Row 3, Col 1	Row 3, Col 2	Row 3, Col 3	Row 3, Col 4

5 Referencing

The reference list should be in an alphabetical order. The provided class file will produce the format you see, which is correct. A citation in the paper should have the form [1, 2, 3, 4] for a contribution in conference proceedings, monograph, journal article and on line document.

6 Conclusions

Your manuscript must be sent by e-mail to metrapp-2011@mec.upt.ro. Please respect the deadlines which are given on the MeTrApp 2011 webpage: http://metrapp-2011.mec.upt.ro

References

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4. Porter, R.: Mechanism design for online real-time scheduling. In: Proc. of the ACM Conference on Electronic Commerce (EC'04) (2004) Available via CiteSeer.
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