

# Paper Title

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## Abstract

This template shows the guidelines on how to create a paper to be submitted to the International Workshop on Equation-Based Object-Oriented Modeling Languages and Tools (EOOLT). Templates are available for both the  $\LaTeX$  and Microsoft Word environment. Please send an email to david.broman@liu.se if there are any questions or suggestions regarding this template.

**Keywords** keyword1, keyword2

## 1. Introduction

In the following section, short style guidelines are given.

### 1.1 Title and Authors

The title should be centered and use font *Times New Roman* with size 17pt. Words should be capitalized in the title, e.g., "This is an Example of a Correct Title".

The author information should at least include name, affiliation (department, university, country). Addresses and emails are optional but strongly recommended.

### 1.2 Abstract and Keywords

The abstract should be written as one paragraph. It is not recommended to exceed 150 words.

Appropriate keywords describing the content of the paper should be supplied as a comma separated list.

### 1.3 Fonts

For all standard body text *Times New Roman* with regular font style, and font size 10pt should be used. To emphasize a text or a word, use *italic font style*. For verbatim text, including code examples, font *Courier New* with size 10pt should be used.

### 1.4 Lists

Bullets should in MS Word be created by using style "*EOOLT Bullets*", not using standard bullets. E.g.

- The first text item.
- The second text item.

Numbered items should be created using style "*EOOLT Numbering*". E.g.

1. The first text item.
2. The second text item.

## 1.5 Paragraphs

The first paragraph after each subsection is not indented. When using the  $\LaTeX$  template, this is done automatically. When using the MS Word template, style "*EOOLT Body Text First*" should be used.

The second and all other paragraphs within a section should be indented. In Word, use style "*EOOLT Body Text Indented*" for these paragraphs. In  $\LaTeX$ , this is done automatically.

## 2. Section Headings

Section headings should be numbered. Words in the headings should be capitalized. In MS Word, style "*Heading 1;EOOLT Section*" should be used for the main section headings.

### 2.1 Sub-Section

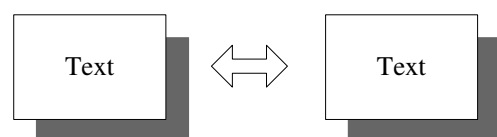
Subsections are numbered and style "*Heading 2;EOOLT SubSection*" should be used.

#### 2.1.1 Sub-Sub-Section

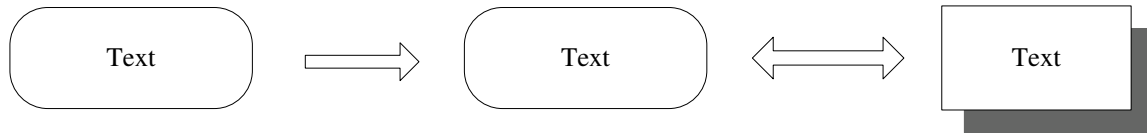
It is possible to use sub-sub-sections (MS Word style "*Heading 3;EOOLT SubSubSection*"). However, if possible, only sections and sub-sections should be used.

## 3. Figures

Figures should be numbered and include a description text. All figures should be referenced within the body text using



**Figure 1.** An example of a figure that fits into one column.




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**Figure 2.** Another example of a figure that spans over two columns.

the capitalized word "Figure" followed by the figure number. For example, Figure 1 shows a figure located inside one column and Figure 2 illustrates how a figure can span over two columns.

When using MS word, style *"EOOLT Figure Caption"* could be used, as shown in the example. All figures should have a single line separating the figure and the caption text<sup>1</sup>.

#### 4. Bibliographic References

The bibliographic reference list are shown at the end of the paper; starting with an unnumbered heading *"References"*. The list of references should be sorted in alphabetic order according to the first author's surname.

Citations are stated within the body text using the number of the reference enclosed within brackets, e.g., [2]. If more than one reference is cited at the same place, the list should be sorted and within brackets, e.g., [1, 3, 4].

#### 5. Output Format

The paper should be submitted as a PDF-file using page size A4 (not US Letter!). All fonts should be included in the PDF-file.

Note: When using PDF-generators such as Adobe Acrobat PDF generator, remember to enable high-quality output. If this option is not enabled, figures and photos may be reduced in quality, resulting in poor quality when printed.

#### Acknowledgments

The templates and instructions were created by David Broman. The L<sup>A</sup>T<sub>E</sub>X template and related class file is based on ACM SIGPLAN templates created by Paul C. Anagnostopoulos. The templates are allowed to be used in the EOOLT workshop with permission from SIGPLAN executive committee 2007-2009. No other usage is permitted.

#### References

- [1] Iain S. Duff and John K. Reid. An Implementation of Tarjan's Algorithm for the Block Triangularization of a Matrix. *ACM Transactions on Mathematical Software*, 4(2):137–147, 1978.
- [2] Constantinos C. Pantelides. The Consistent Initialization of Differential-Algebraic Systems. *SIAM Journal on Scientific and Statistical Computing*, 9(2):213–231, 1988.
- [3] Benjamin C. Pierce. *Types and Programming Languages*. The MIT Press, 2002.
- [4] Gordon D. Plotkin. A Structural Approach to Operational Semantics. Technical report, Department of Computer Science, University of Aarhus, 1981.

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<sup>1</sup> Footnotes should be numbered and located at the bottom of the column.