



How to Use the imeko_acta L^AT_EX class

Federico Tramarin^{1,2}, Agata Tramarin^{1,3}, Tommaso Tramarin^{1,4}

¹ University of Modena and Reggio Emilia, Italy

² National Research Council of Italy, CNR-IEIIT, Italy

³ National Research Council of Italy, CNR-IEIIT, Italy

⁴ National Research Council of Italy, CNR-IEIIT, Italy

ABSTRACT

This article describes how to use the imeko_acta.cls class L^AT_EX to produce high quality typeset papers that are suitable for submission to the Acta IMEKO journal.

The editorial team of Acta IMEKO strongly encourages authors to use this L^AT_EX 2_ε template file to produce their manuscript. Please refer to the author for any suggestion, bug filing and complaint.

Section: RESEARCH PAPER

Keywords: No Keywords.

Citation: Federico Tramarin; Agata Tramarin; Tommaso Tramarin,—, F. Tramarin , A. Tramarin , T. Tramarin How to Use the imeko_acta L^AT_EX class, Acta IMEKO, vol. 1 (2024) no. 1, pp. 1 – 2, DOI: [10.21014/actaimeko.vX.Y.NNNN](https://doi.org/10.21014/actaimeko.vX.Y.NNNN)

Section Editor: Francesco Lamonaca, University of Calabria, Italy

Received: February 21, 2024; **In Final Form:** February 21, 2024; **Published:** February 21, 2024.

Copyright: This is an open-access article distributed under the terms of the Creative Commons Attribution 3.0 License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Funding: No funding specified.

Corresponding Author: Federico Tramarin, e-mail: tramarin@unimore.it

1. INTRODUCTION

imeko_acta.cls is a thoroughly re-written document class for formatting L^AT_EX submissions to Elsevier journals. The class uses the environments and commands defined in L^AT_EX kernel without any change in the signature so that clashes with other contributed L^AT_EX packages such as hyperref.sty, preview-latex.sty, etc., should be minimal.

imeko_acta.cls is primarily built upon the default article.cls and as such several things that works there should work also here.

This class depends on the following packages for its proper functioning:

- 1) babel.sty for hyphenation in GB English;
- 2) ebgarmond.sty to add a (OSS) support to the Garamond typeface for the main text;
- 3) amsmath for mathematical expressions;
- 4) array,booktabs for better tabular environments;
- 5) tabularx for automatic column-width tables;
- 6) graphicx.sty for graphics inclusion;
- 7) helvet.sty for typesetting Helvetica sans-serif parts;
- 8) hyperref.sty to support hyperlinking and metadata in the document;
- 9) stfloat.sty optional packages if floats need to be placed at the bottom of the page.

- 10) microtype optional package for introducing microtypographical features to the typesetting;
- 11) enumitem to match the itemized lists of the official Word template;
- 12) caption for typesetting captions of floats;
- 13) colortbl to highlight alternating rows of tabulars;

All the above packages are part of any standard L^AT_EX installation. Therefore, the users need not be bothered about downloading any extra packages.

2. USAGE

The class should be loaded with the command:

```
\documentclass[<options>]{imeko_acta}
```

where the options can be the following:

submit (default option) to be used by authors during submission phases.

article, technicalnote, editorial change the type of paper;

showcorresponding, noshowcorresponding indicates if the corresponding author should be explicitly marked with a * after his/her name. Default is noshowcorresponding.

All options of article.cls can be used with this document class.

The default options loaded are `a4paper`, `10pt`, `twocolumn`, `article`.

3. THE TITLE PAGE

The title page is created with the standard \LaTeX command `\maketitle` and using the same schema of `article.cls`. Before this command is called, the author must declare all of the text objects which are to appear in the title area, as detailed below.

3.1. Paper Title

Use the classic `title` command. It is safe to put it just after the `\begin{document}` line.

3.2. Authors

Description of authors' management.

3.3. Sections

If a section is long or deals with different topics, make a subdivision in subsections. Avoid further subdivision of a subsection.

When subsections are used, there must be at least two. Use the style named "Level2Title" for the header of a subsection.

3.3.1. Test

If a section is long or deals with different topics, make a subdivision in subsections. Avoid further subdivision of a subsection. When subsections are used, there must be at least two. Use the style named "Level2Title" for the header of a subsection.

3.4. Numbering of subsections

Subsection numbering follows the outline numbering format which is configured in the template. Subsection headings use the Calibri font and are in bold.

ACKNOWLEDGMENT

Here persons or institutes may be acknowledged for their technical, scientific or financial support. List them in this section, and not as a footnote or otherwise.

REFERENCES