



# ACTA POLYTECHNICA

## Journal of Advanced Engineering

### Description

Acta Polytechnica is a peer-reviewed Open Access scientific journal published by the Czech Technical University in Prague. The title “Acta Polytechnica, Journal of Advanced Engineering” defines the scope of the journal — engineering, physics and mathematics. Our aim is to be a high-quality, multidisciplinary journal that publishes the results of both basic and applied research.

### Technical data

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### Indexing

Acta Polytechnica is indexed in:

- [Web of Science \(ESCI collection\)](#)
- [Scopus](#)
- [EBSCO](#)
- [DOAJ](#)
- [Inspec](#)
- [CAS](#) (selected articles)

# Guide for Authors – Article Requirements

## Basic Instructions

Recommended length of an article is 6 - 15 pages.

The submission must contain all figures, tables, references etc. in the correct position of the text.

### Abbreviations

All non-standard abbreviations must be defined in parentheses at the first occurrence of the term.

Please ensure consistency of all abbreviations throughout the article.

### Figures, tables and equations

Figures, tables and equations must be numbered and placed in the relevant position in the text.

Figures and tables must have a caption. Captions must be inserted at relevant locations and not attached to the figure or table.

Figures must be easily readable with sufficient resolution. Figures should be submitted in quality and size for print (300 dpi).

Please note that while the online version of the journal is in color, the printed version is only in black and white. Consequently, the digital figures may be adjusted to black and white or you can provide two versions of the figures.

### Citations and references

Provide accurate citations.

Citations and References must be numbered in square brackets. Citations in the text are numbered gradually throughout the article. The order of the references must correspond to the order in which the citations appear in the text.

## Article Structure

### Title

Short and concise. Avoid abbreviations and formulae where possible. The maximum length of the title is three lines.

### Author names and affiliations

Enter the name of every author, his/her affiliation and an e-mail address of the corresponding author.

**Author's name** must be in full format (first name, middle name, last name) with diacritics. Indicate all affiliations with a lower-case superscript letter immediately after the author's name and in front of the appropriate affiliations.

**Affiliations** must be formatted as follows: University/Institution, Faculty, Department, full postal address (street, postal code + city, country). Use affiliations where the work was done.

**Corresponding author** must be indicated with a lower-case superscript asterisk character. Enter the e-mail address of the corresponding author below the affiliations with a lower-case superscript asterisk character in front of it.

First Author<sup>a, c</sup>, Second Author<sup>b, \*</sup>, Third Author<sup>b, c</sup>

<sup>a</sup> Affiliation 1

<sup>b</sup> Affiliation 2

<sup>c</sup> Affiliation 3

\* corresponding author: email address

## Abstract

This standalone, short and concise text must accurately reflect the purpose of the research, the principal results and the major conclusions. The maximum length of the abstract is 200 words. It should not contain citations, nonstandard characters or symbols.

## Keywords

3 - 8 phrases which reflect the essential content of the article. Do not use obscure abbreviations.

## Sections of the article:

- **Introduction**
- **Materials and methods** *(can be renamed)*
- **Results** *(can be renamed)*
- **Discussion** *(or one merged section **Results and Discussion**)*
- **Conclusions**
- **List of symbols** *(optional)*
- **Acknowledgments** *(optional)*
- **References**
- **Appendices** *(optional)*

All the sections (except List of symbols, Acknowledgments and References) must be numbered. Appendices are inserted after References with special numbering. Do not use more than 3 levels of headings.

## Introduction

Define the aim of the work, provide an adequate background and a brief summary of the results achieved so far in the field of study.

## Materials and methods

Provide all of the methodological details necessary for other scientists to duplicate your work.

## Results

Clearly and concisely summarize the unique results of the work.

## Discussion

Explain and interpret the results in light of other published results and suggest future directions for the research.

## Conclusions

Present a short standalone conclusion of the work. It may be in points.

## List of Symbols

Add all abbreviations used in the article.

## Acknowledgements

List funding sources according to the funder's requirements.

## References

All the references should be formatted according to the Acta Polytechnica style. Examples of references are inserted in the [Manuscript Example](#). Please provide all relevant details in each citation.

DOIs must be given where available. You can search for DOI for citing purposes at <http://www.crossref.org/SimpleTextQuery>.

## Appendices

Insert supplementary large data sets, extensive tables or figures and more detailed experimental data, etc. Use Appendix also for description and link to external datasets.

For more details see the [Manuscript Example](#).

## Technical Requirements

Submissions created in LaTeX are preferably accepted. Authors who do not use LaTeX and who are unable to provide conversion to the template can create their contribution in MS Word format. The final version must be submitted in pdf format. File format requirements for both options are listed in the following table. To finish the publishing process, all source files are needed.

**First submission** refers to the uploading of the manuscript which is ready for the review process.

**Final submission** refers to the uploading of the revised manuscript according to the reviewers' comments.

Submission	Required files	Source file in LaTeX	Source file in MS Word
First	Article fulltext	pdf	pdf
Final	Article fulltext	pdf	pdf
	Source file	tex	doc, docx
	References	bib	<i>in text</i>
	Figures	pdf, png, jpg, eps, tiff	pdf, png, jpg, eps, tiff

### Instructions for LaTeX source files

- use the [Acta Polytechnica LaTeX template](#);
- TeX file must be complete with all article sections;
- add bib file with correctly formatted references;
- attach all figures in a separate subdirectory;
- upload all the above-mentioned files as one zip file.

**Instructions for MS Word source files**

- use simple formatting of the document (single column, single line spacing, without line numbering, Times New Roman 12 font);
- MS Word file must be complete with all article sections (including references);
- attach all figures in a separate subdirectory;
- upload all the above-mentioned files as one zip file.

**Figures**

Each figure without caption must be saved in a separate file.

Conversion of file names: FigN\_Shortname

where N = number of the figure;

Shortname = short caption of the figure (max. 15 characters).