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## 1 General information

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*Acta Technica Jaurinensis* is a peer-reviewed scientific journal published by **Széchenyi István University**, Győr. It was founded in 2008. The journal is published **quarterly**, on the last Wednesday of February, May, August, and November.

We are ready to publish any original publication, new research results as well as review articles covering broader topics. The subject matter can be theory, methodology, empirical studies, or applications. The journal is primarily recommended to researchers from Central and Eastern Europe, however, *Acta Technica Jaurinensis* also includes papers submitted by scientists of different countries and regions, reflecting the international nature of the journal.

The journal is published and indexed electronically. It is a **diamond open access** journal, both downloading the published articles and publication is **free of charge**.

Therefore, this journal is recommended to researchers, teachers, and students active in the related topics.

## 2 Disciplines

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The discipline of the journal is **Engineering**. The main scope of *Acta Technica Jaurinensis* is to provide a publication possibility related to the following topics:

- *vehicle engineering*
- *mechanical engineering*
- *mechatronics*
- *transportation science*
- *logistics*
- *architecture engineering*
- *information technology*
- *electrical engineering*.

## 3 Abstracting and Indexing

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- Directory of Open Access Journal (DOAJ)
- Google Scholar (**h5-index=10, h5-median=14, 2022**)
- Index Copernicus International (ICI) Journal Master List (**ICV 2022=100**)
- CrossRef

## 4 Editorial Team

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The Editorial Team consists of 29 members from 19 countries.

### 4.1 Editor-in-chief

DOGOSSY, Gábor Széchenyi István University (HU)

## 4.2 Editorial Board

BOŽANIĆ, Darko I. University of Defence in Belgrade (RS)  
DOLEŽEL, Ivo University of West Bohemia (CZ)  
DRAKOPOULOS, Stavros Princeton University (USA)  
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KRUIS, Jaroslav Czech Technical University in Prague (CZ)  
LENCSE, Gábor Budapest University of Technology and Economics (HU)  
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ŠTUMBERGER, Bojan University of Maribor (SI)  
YAMAGUCHI, Katsuhiko Fukushima University (JP)  
ZAGIRNYAK, Mykhaylo Kremnchuk Mykhailo Ostrohradskyi National University (UA)  
ŽELJKO, Stević University of East Sarajevo (BA)  
ZBOINSKI, Krzysztof Warsaw University of Technology (PL)

## 5 About the Journal

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### 5.1 Open Access Policy

Acta Technica Jaurinensis is a diamond open access journal, both downloading the published articles and publication is free of charge. The journal does not charge authors any article processing charges (APCs), submission, publication, or any other fees. Users have the right to read, download, copy, distribute, print, search, or link to the full texts of articles in this journal, and to use them for any other lawful purpose.

### 5.2 Publishing Ethics

The publisher and the editors are committed to maintain high ethical standards and prevent publications where research misconduct has occurred. We use [Turnitin](#) to check for plagiarism.

In case of plagiarism or when the manuscript contains anything libellous, obscene, infringes on anyone's copyright, right of privacy, or other rights, the publisher holds the right to reject the manuscript or publish corrections after the article has already been published. In case of any allegation of misconduct, the editor deals with the allegation appropriately. In such ethical issues, including also retractions and corrections, the [COPE](#) guidelines are followed.

### **5.3 Archiving**

All published papers are archived at Széchenyi István University (Győr, Hungary) (<https://acta.sze.hu/index.php/acta/issue/archive>) and in the Electronic Periodicals Archive of the National Széchenyi Library (Budapest, Hungary) (<https://epa.oszk.hu/02500/02537>), which shall continue to maintain the database even if the Journal publishing should be terminated.

### **5.4 Copyrights**

Acta Technica Jaurinensis requires exclusive publishing rights but allows authors to retain any other copyright of their paper.

### **5.5 Licensing**

All published papers are licensed under a Creative Commons License type [CC BY-NC 4.0](#) that allows others to share and adapt the work under the following terms: must contain an attribution to the original work, may not use the material for commercial purposes. From 2020 the CC license is marked in the articles.

### **5.6 Privacy Statement**

The names and email addresses entered in this journal site will be used exclusively for the stated purposes of this journal and will not be made available for any other purpose or to any other party.

Those involved in editing this journal seek to be compliant with industry standards for data privacy, including the European Union's General Data Protection Regulation ([GDPR](#)) provision for "[data subject rights](#)" that include (a) breach notification; (b) right of access; (c) the right to be forgotten; (d) data portability; and (e) privacy by design. The GDPR also allows for the recognition of "the public interest in the availability of the data", which has a particular saliency for those involved in maintaining, with the greatest integrity possible, the public record of scholarly publishing.

### **5.7 Review and Publishing process**

Each paper is evaluated in a blind peer-review process. In case of every submission, after the first check of the formal requirements, at least two independent reviewers who are experts in the field and who are not part of the journal's editorial staff and at most one additional reviewer from the advisory board are requested to conduct the reviews. We use our review form in the peer review procedures which contains a questionnaire part and a textual evaluation part. Each reviewer gives a recommendation to the editors who make the final decision. The whole publishing process can be found below.

## Editorial and Publishing process of Acta Technica Jaurinensis



## 6 Submission Preparation Checklist

As part of the submission process, authors are required to check off their submission's compliance with all of the following items, and submissions may be returned to authors that do not adhere to these guidelines.

- The submission has not been previously published, nor is it before another journal for consideration (or an explanation has been provided in Comments to the Editor).
- The submission files are in pdf and Microsoft Word document file format (.doc or .docx).
- At the references section all DOI numbers are presented. Where available, URLs for the references have been provided.
- The text adheres to the stylistic and bibliographic requirements outlined in the Author Guidelines.
- All the submission Metadata (all Authors, Abstract, Keywords, Author contributions, Disclosure statement, OrcID) are presented.

- The author(s) must have the right to publish all the material included in the manuscript (tables, figures, etc.).

## 7 Author Guidelines

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### 7.1 Requirements

Manuscripts should be submitted in English through our online system according to the template. The submission has to contain the source (in case of MsWord in doc or docx format) and the pdf version of the manuscript.

### 7.2 Template

Manuscript template is available in [MsWord format](#). Please note that all papers must use the template.

### 7.3 Types of paper

The Journal publishes Research Article, Review and Mini Review.

- **Research article:** A manuscript that describes original research or a well-documented case study. Originality is defined as new experimental data, new interpretations of existing data, or new theoretical analyses of phenomena. Word limit: **6,000**.

- **Review:** Invited only. A summary and discussion of the literature regarding a specific area. Word limit: **6,000**.

- **Mini review:** A sharply focused, selectively referenced summary of the relevant area, usually written by early career researchers. Word limit: **4,000**.

The word count does not include the title, authors, affiliations, keywords, abstract, acknowledgements, author contributions, disclosure statement, OrcID, appendix and references.

### 7.4 Structure

Manuscripts should be compiled in the following order:

1. Title
2. Authors
3. Affiliations
4. Abstract
5. Keywords
6. Main text
7. Acknowledgements (optional)
8. Author contributions
9. Disclosure statement
10. OrcID (if exists)
11. Appendix (optional)
12. References

## 7.5 Title, Author list and Affiliations

*Title:* The Title should be concise and informative. Abbreviations are not allowed in the Title. Titles consisting of more than **25** words should be avoided.

*Authors:* List the first name, middle name, and last name of each author. Indicate all affiliations of the authors with lower-case superscript letters right after the author's name. Indicate the corresponding author, to whom post-publication inquiries should be addressed with an asterisk (\*). In the header, author names are expected in the "C. Surname" format where "C" is the initial of the first name. In the case of 2 authors give the names of each author, between the names use "and", over 3 authors give the names of the first authors, then use the expression "et al."

*Affiliations:* The institutions/companies where the actual work was carried out. The institutional affiliations of all authors (university and department, respectively) and full postal address should be given. Contact: The e-mail address of the corresponding author should be provided just below the affiliations on the first page of the manuscript.

The format of the author's names, affiliations and contact on the first page of the manuscript should be formatted as follows:

Alpha Author<sup>1</sup>, Beta Author<sup>2,\*</sup>, Gamma Author<sup>1,2</sup>

<sup>1</sup>Institution, Department, Street Address, Postal Code, City, State, Country

<sup>2</sup>Institution, Department, Street Address, Postal Code, City, State, Country

\*E-mail: corresponding.author@e-mail.address.com

## 7.6 Abstract

Abstract must accompany all manuscript types (Research article, Review, Mini review). Informative, rather than indicative abstracts are preferred. Accordingly, it should not only state the purpose of the research, but it should also contain the major findings. The abstracts should describe the purpose, methods or procedures, novelty of the new results (if applicable), and conclusions. Do not break the abstract into sections. References and abbreviations are to be avoided in the Abstract. The Abstract should be of **100** to **250** words.

## 7.7 Keywords

All manuscript types should contain **4–6** keywords, with each keyword separated by semicolons. General and plural terms and multiple concepts should be avoided. Do not use abbreviations in the keywords.

## 7.8 Main text

The main text should be divided into the following sections: Introduction, Experimental, Results (if applicable), Discussion, Conclusions. The authors can decide to prepare a combined section of Results and Discussion. The length of the article should be in between **6–18** pages using the template of Acta Technica Jaurinensis. All papers should be written in English (American or British is both accepted, however, not a mixture of those).

## 7.9 Acknowledgements

The authors should list all funding sources in the Acknowledgements. This is also the appropriate section to recognize the contributions from people who provided help throughout the research, but did not meet the criteria for authorship.

## 7.10 Appendix

Authors are free to provide any additional information, including data, extra figures and tables within the appendices. When referencing figures, table or equations that are provided in this section, they should be identified with an "A" letter: Figure A1; Table A1; Equation (A1).

## 7.11 References

The author(s) takes/take the full responsibility for the accuracy of their references. The format of references must be uniform and consistent with the instructions below. All publications cited in the text should be referred to by a number in square brackets (e.g., [1]). Note that only one reference belongs to one number. Use "Cite" style for left alignment and automatic numbering. All DOI numbers should be represented if available.

The examples of references of papers in English [1], papers in other languages [2], books [3], book chapters [4], conference proceedings [5], theses [6], standards [7], patents [8] and online [9] are shown in Sample references. If the page numbering of the journal is not continuous within one year, the article ID should be given instead of the page numbers [10]. The DOI number and the URL must be hyperlinks [1, 3, 5-6, 9-11].

In the list of references, author names are expected in the "C. Family" format where "C" is the initial of the first name. Till there are 3 authors, give the names of each author [2], over 3 authors give the names of the first 2 authors, then use et al. [11]. Provide the complete title of publication (title of paper, book, book chapter, standard, patent). Do not abbreviate journal or conference names, e.g. write "Transactions on Medical Imaging" instead of "Trans Med Imaging".

## 7.12 Sample references

[1] V. A. Szabó, G. Dogossy, Recycling of mineral water bottles with chemical foaming, *Acta Technica Jaurinensis* 10 (2) (2017) pp. 157–167.

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[2] E. Turfa, G. Dogossy, F. Ronkay, Improvement of recycled pet properties by reactive extrusion, *Anyagok Világa* 11 (2) (2013) pp. 50–58, in Hungarian.

[3] M. Kuczmann, A. Iványi, *The Finite Element Method in Magnetics*, 1st Edition, Akadémiai Kiadó, Budapest, 2008. <https://doi.org//10.13140/2.1.3104.1927>

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[5] A. Kovács, G. Lencse, Modelling of virtualized servers, in: N. Herencsár, K. Molnár (Eds.), *38th International Conference on Telecommunications and Signal Processing: TSP*



2015, Brno University of Technology, Brno, 2015, pp. 241–245.

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[6] V. Nagy, Examination and modeling of porosity in polyester twisted fibrous structures, Ph.D. thesis, Budapest University of Technology and Economics (2006).

<http://hdl.handle.net/10890/467>

[7] Plastics – determination of tensile properties – part 1: General principles, ISO 527-1:2012 (2012).

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[9] CustomPartNet, Injection molding (2018) [cited 2018-01-24].

<http://www.custompartnet.com/wu/InjectionMolding>

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[11] M. Gáspár, Z. Benkő et al., Reducing water absorption in compostable starch-based plastics, *Polymer Degradation and Stability* 90 (3) (2005) pp. 563-569.

<https://doi.org/10.1016/j.polymdegradstab.2005.03.012>

### **7.13 Formulas and Equations**

Formulas and Equations should be prepared using Word Equation Editor. References should be numbered with Arabic numerals and referred to in the text: Equation (1). Formulas should be written in a consistent manner throughout the whole document.

### **7.14 Figures and Tables**

All figures and tables should be referenced within the text and they should be inserted below the paragraph where they are referenced. The corresponding caption of the Figures should be placed directly below the figure, while the captions of tables should be placed above the tables. Both the figures and the tables should be numbered with Arabic numerals, however, their sequence should be independent from each other. The maximum number of figures (including subfigures) and tables is **20**. Further images and tables can be provided within the Appendix section, if necessary. The font size used in the figures and tables should be identical to the fonts used in the text. The resolution of the figures should be at least **300** dpi.

The manuscript should only contain images created by the authors, otherwise, permission has been obtained for use of copyrighted images from other sources. The burden of including copyrighted materials - which would require third-party permissions - lies with the authors.

### **7.15 Abbreviations**

Define all abbreviations in the manuscript right at their first mention. Make sure that abbreviations are consistent throughout the whole article.

## 8 Contact

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The mail address of the journal is the following:

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Széchenyi István University  
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ROOM B303  
Hungary

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