

Guide for Authors

“Latvian Journal of Physics and Technical Sciences”

“Latvian Journal of Physics and Technical Sciences” (hereafter – LJPTS) considers for publication original scientific or engineering research papers concerned with any aspect of the following topics:

- Energy and Power,
- Physical Sciences,
- Physics and Applied Physics in Engineering,
- Environmental Physics and Biotechnology.

1) LJPTS operates a Blind Peer Review process.

- All contributions will be initially assessed by the Editor. Papers deemed suitable are then sent to independent expert reviewers to assess the scientific quality of the paper.
- The Editor is responsible for the final decision regarding acceptance or rejection of articles. The Editor's decision is final.

2) Papers should occupy:

- not more than 15 printed pages (A4),
- figures, tables, and references should occupy not more than 7 printed pages.

3) The paper should be prepared with the text editor WORD for Windows.

4) Margins should be of a Normal template:

- Top – 1 inch,
- Bottom – 1 inch,
- Left – 1.25 inches,
- Right – 1.25 inches.

5) Following font, letter size and line spacing should be used:

- Times New Roman,
- 11– point (pt) letter size,
- single line spacing.

6) Following letter sizes for formulae according to MathType 6.0 Equation should be used:

- Full 11 pt
- Subscript/Superscript 8 pt
- Sub-Subscript/Superscript 6 pt
- Symbol 11 pt
- Sub-symbol 8 pt

7) Figures should be computer-composed.

8) Tables should be numbered in a sequence corresponding to the order of citation in the text and a short heading should accompany each table.

9) The title page should contain the title of research, name(s) and affiliation(s) of author(s), and e-mail address of corresponding author (see: *Sample*).

Sample:

ECONOMICAL VALUATION OF WAVE POWER PLANT IN THE BALTIC
SEA REGION AT PRE-FLEXIBILITY STAGE

J. Berins, L. Petrichenko*

Riga Technical University, Power Engineering Institute,
12-k1 Azenes Str., Riga, LV-1010, LATVIA

*e-mail: lubova.petricenko@rtu.lv

10) Text of the paper should normally be organized as follows:

- Abstract (the word “Abstract” is not written) with key words (max 7),
 - In Abstract no references, graphical information (tables, figures) mathematical expressions etc. should be included.
- Introduction,
- Experimental (or Theory),
- Results,
- Discussion (or Results and Discussion),
- Conclusion(s),
- References.

- 11) For submitted papers both the British (UK) and the American spelling is accepted, provided the usage consistency is observed throughout the text. The computer spell-checking is highly recommended.
- 12) References in the text should be given as numbers in square brackets [...] and listed in numerical order at the end of the typescript.
 - Examples of published reference are as follows (Format (APA Style)).

Articles:

Author(s). (Year of publication). Article title. Journal Title. Volume (issue), range of pages.

Zemīte, L., Kutjuns, A., Bode, I., Kuņickis, M., & Zeltiņš, N. (2018). Consistency Analysis and Data Consultation of Gas System of Gas-Electricity Network of Latvia. *Latvian Journal of Physics and Technical Sciences*, 55(1), 22–34.

DOI:10.2478/lpts-2018-0003*

** if available*

Books:

Author. (Year of publication). Book title. Place of publication: Publisher.

Halang, W. (2006). *Integration of fuzzy logic and chaos theory*. Berlin: Springer

Conference proceedings:

Author(s). (Year of publication). Title. In Conference name, Date (Page range). Place of publication: Publisher.

Bauer, G.E. (1992) .Optics of excitons in confined systems. In Inst. Phys. Conf., 12-14 October 1992 (pp. 45–50). Bristol, UK: Bristol Institute of Physics.

Online sources:

Melo AB (2010). *Pico Power Plant: Perspectives for the Future?* Available at http://www.picoowc.net/files/33/new3_84d9ee44e457ddef7f2c4f25dc8fa865.pdf

Ocean Energy Systems (2016). *Annual Report Ocean Energy Systems 2016*. Available at <https://report2016.ocean-energy-systems.org/>

ETIPOCEAN (n.d.). *EU-funded Ocean Energy Projects Framework Programme 7 & Horizon2020*. Available at <https://www.etipocean.eu/assets/Uploads/170418-EU-funded-projects.pdf>

- 13) Before sending a paper proposal, e-mail inquiry with the Editor on terms, conditions and expected timeline of publication is highly recommended.
- 14) Before submitting a paper, please make sure that it is formatted according to regulations set in current Guidelines for Authors, otherwise a paper will not be accepted for a review.
- 15) Paper should be submitted in electronic form only.
- 16) For submission of papers, contact Deputy/Managing Editor at: leo@lza.lv

Editorial Contacts:

11 Krivu Street, Riga,

LV-1006, Latvia

Ph.: +371 67551732

Fax: +371 67550839

Deputy/Managing Editor: leo@lza.lv