

GUIDE TO AUTHORS OF MANUSCRIPTS

To submit manuscripts to be published in the International Scientific Journal for Alternative Energy and Ecology, authors are to follow guides as follows

Each manuscript is compulsory reviewed by 3 referees, two of whom are referees of the International Scientific Journal for Alternative energy and Ecology, and 1 of those being invited by the Editorial Board. Each article is put through a preliminary and final reviewing. In the event of controversies on scientific problems occur, an article is submitted to the International Reviewers Board of the International Scientific Journal for Alternative energy and Ecology to be criticized. In the event of controversies on feasible implementation of the idea, presented in the manuscript the latter is submitted to the Experts Board of International Scientific Journal for Alternative energy and Ecology.

The publication period does not exceed 5 months. Assuming a letter of introduction from a member of the Editorial Board of the International Scientific Journal for Alternative energy and Ecology, the period for reviewing a manuscript may be kept down to 2 months. The publication period of manuscripts submitted to the competition organized by the Editorial Board does not exceed 4 months. The publication period for registered scientific reviews does not exceed 3 months.

In the event of pressing need for publication, the author or a team of authors may address the Editorial Board to make a justified request to publish a manuscript in the course of 3 months.

The Editorial Board will promptly and without any interest assist all post-graduates and competitors in publishing their materials in the journal and in the International Scientific Information System "Hydrogen" in the shortest possible time. All publications in the journal are issued free of charge.

In any event, all manuscripts submitted to the journal are criticized and abstracted in popular international scientific journals.

Articles are published in Russian and English. Each communication submitted to the Editorial Board is assigned a number and date.

The journal publishes nothing but original articles. The author is responsible for following this guide.

I. For publishing the journal in due time, please follow the guide given below:

1. Manuscript must be submitted either in a typed form or in e-mail: The hard copy of the manuscript must be submitted in 2 copies, the authors must necessarily sign the second copy overleaf.

Manuscripts words:

- brief communications are up to 5 pages (1800 symbols);
- articles, as a rule, are up to 9 pages;
- letters to the Editorial Board are up to 3 pages;
- scientific reviews should not in general be longer than 30 pages.

2. Manuscripts should be accompanied by:

- a letter of the head of the institution who presents the manuscript with the experts' opinion or other document permitting the publication in the press (1 copy) confirmed and affixed by the head of the institution. Authors must present the experts' permission from Russia.

- a CD-disk or diskette containing the essential text of electronic files listed in **Section III**.

3. Abstract text in Russian and English should be typed in normal font Times New Roman in one file as follows: article title, authors, name of an organization, abstract in Russian, and then in 2 lines in the same sequence — in English. The abstract should be given in indicative, and is up to 600 symbols in length. The abstract is also published on site of the International Scientific Information Portal "Hydrogen" (in Russian, and English).

4. The abstract text (15 lines) in Russian and English is printed in font Times New Roman (font size 10) and shall contain the place

of organization, title, education, scientific degree, rewards and scientific prizes, experience, main range of scientific interests, number of publications.

5. Authors' photos in TIFF or JPEG format to be published in abstract text.

6. Compact text (one page) to be published in Compact journals (CJ) VINITI, «Letters to the "Alternative energy and ecology"» (in English).

Page format:

- format A4 (210×297 mm)
- print interval: one and a half

- font: Times New Roman (font size 12) in one file as follows: article title, authors, name of an institution, abstract in Russian, and then in 2 lines in the same sequence — in English

7. Internet information for announcing an express-information on sites of the International Scientific Information Portal "Hydrogen", and also on sites of the information network devoted to energy and ecology. Information is given in an arbitrary way:

- format A4 (210×297 mm)
- print interval: one and a half
- font: Times New Roman (font size 12)

The information may include photos and diagrams.

II. Information on manuscript writing

- the Editorial Board recommends authors writing reviews and articles organize their materials using subtitles (for example: "Introduction", "Theoretical Analysis", "Experimental Methods", "Results And Discussion", "Conclusion", "References");

- text for publication must be reviewed carefully by authors; no replica, and one does not need to describe the illustrations in detail;

- text must be typed on white paper:

- format A4 (210×297 mm)
- print interval: one and a half
- font: Times New Roman (font size 12)

A manuscript may contain photos and diagrams.

Text section sequence:

- **universal decimal classification (UDC or PACS);**
- **paper title in Russian and English** (capital letters, font size 14, bold, center-alignment. No division of words is allowed. Do not use quotation marks. Do not use underlining;

- **authors** (initials, surname, font size 14, italic bold, center-alignment, no period in the end);

- **name of organization, address, city, country, postcode, telephone, fax, e-mail** (font size 12, center-alignment. If the authors are from different organizations, the method of superscript references shall be used; for example: A. V. Ivanov, Yu. S. Sedov*);

- **section title** (font size 14, center-alignment, no period in the end);

- **text of the article:** (font size 12, left justification — 1 cm);

- **subtitle:** (italic, font size 14, full justification);

- **references:** (font normal, size 14, full justification).

When drawing up the article one should use generally accepted terms, units and symbols. All designations being used by the authors shall be determined at their first appearance in the text.

When the article is typed on the computer, all Latin designations of physical quantities (*A*, *I*, *d*, *h*, etc.) shall be typed in italic, Greek designations, names of functions (β , \sin , \exp , \lim), chemical elements (H_2O) and units (MW/cm^2) — in upright (normal) font. The symbols (\Re , \wp , \otimes , \in , etc.) shall be specified in the manuscript margin.

Tables, figures, photos (black-and-white only) shall be placed inside the text and be consecutive over the article and have own titles. Notation numbering in figures shall be given clockwise



(counter-clockwise) (for drawings) or from top to bottom (from bottom to top) (in numerical order). No figure or diagram plotting by Microsoft Word tools is **allowed**. All figures legends shall be given in Russian and English.

Formulae shall be constructed by means of the integrated formula editor (Math Type, Microsoft Equation) and numbered in parentheses (2), centre-aligned; notation (letters) deciphering in formulae is given as they are mentioned therein. References numbering shall be given in square brackets [3].

If is not allowed to denote different notions by a common letter. Indexes for literal signs in the article text are given in Latin or Russian only (for example, in a Russian-written paper ane should use T_m — melting point).

References in the reference list shall be placed in the sequence with which they are mentioned in the text and shall be written according to the following rules:

• **for books:** surname and initials of the author(s), title of the book, then the place of publication, publishing house, year (for proceedings of conferences — city, country, year). For example: Landau L. D., Lifshits E. M. Quantum Mechanics. Moscow, “Nauka”, 1988. Or: Elton R. C. X-Ray Lasers. Boston: Academic Press, 1990;

• **for articles** in a journal, collection, newspaper: initials of the author(s), title of the article, name of the journal (collection), year, volume, No. (or Issue No.), pages. For example: Polyakova A. L., Vassiliev B. M., Kuppenko I. N. et al. Variation of the zone structure of semiconductors under pressure // Semiconductor Physics and Technology. 1976. Vol. 9, No. 11. P. 2356–2358. Or: Afanasiev A. M., Optimization of energy release distribution in a reactor by

means of “advices of operator” // J. of Nuclear Science and Technology. Physics and Nuclear Reactor Engineering Series. 1986. No. 25. P. 32–36. Or: Mezain I. H. Rolling circuit boards improves soldering // Electronics. 1977. Vol. 34, No. 16. P. 193–198;

• **for dissertations and dissertation abstracts**, besides the author’s surname and initials, one shall indicate the title of the dissertation, degree, place of defence (city) and year, and for preprints — title of the preprint, place of publication, year and number. For example: Gorshkova T. I. Thermodynamic properties and application of certain cerium alloys: Dissertation Abstract. ... Candidate of Chemical Science. Moscow, 1976;

• **for patent documentation:** type of the patent document (Authors’s certificate or Patent), its number, name of the country issuing the document, index of the international classification of inventions, name of publication where the subject of invention was published, year and number of publication. For example: Author’s Certificate 100970 USSR Inc³ V 251 15/00. A device for gripping non-oriented shaft-type parts/Vaulin V. S., Kenaikin B. G. // Discoveries. Inventions. 1983. No. 11.

If the title of a bibliographic reference is to contain four and more authors, all the names can be indicated or only three first names shall be indicated plus the words “et al.” The initials in the reference list shall be placed after surnames.

III. Guides to authors presenting e-mail version of materials for express-publication

To foster the process of reviewing the article the author should submit a **required packet of electronic files** to the Editor-in-Chief (e-mail: gusev@hydrogen.ru).

List of required electronic files:

A files is described as follows (example):

Article#1_Gusev AL_Hydrogen detectors_(1300).doc,

where: **Article** is the manuscript, **#1** is the number of the manuscript given by the author (there may be several manuscripts on one electronic file), **Gusev AL** is the name of the first author, **Hydrogen detectors** are first two words from the title of the manuscript, **(1300)** is the number of the topics or topics section in the Journal topics (given in the last page of the journal).

1. **Article** — Article#1_Gusev AL_Hydrogen detectors_(1300).doc
2. **Summary** — Summary#1_Gusev AL_Hydrogen detectors_(1300).doc
3. **Abstract** — Abstract#1_Gusev AL_Hydrogen detectors_(1300).doc
4. **Resume** — Resume#1_Gusev AL_Hydrogen detectors_(1300).doc (resumes and photos of all authors in one file)
5. **Photos and figures** — Fig-1#1_Gusev AL_Hydrogen detectors_(1300).bmp (Fig-1 — number of figure)
6. **Internet information** — Internet#1_Gusev AL_Hydrogen detectors_(1300).doc
8. **Agreement** — Agreement#1_Gusev AL_Hydrogen detectors_(1300).pdf
9. **Form to submit manuscripts and materials to be published** — Form#1_Gusev AL_Hydrogen detectors_(1300).doc (MANUSCRIPT TRANSMITTAL FORM)
10. **Reviews** — Review-1#1_Gusev AL_Hydrogen detectors_(1300).doc (Review-1 — number of review).
11. **Official letter (or author letter if author is the individual person)** — Letter#1_Gusev AL_Hydrogen detectors_(1300).doc

Attention!

The Editorial Board calls the authors’ attention to the fact that the ignorance of the recommendations mentioned above may impede the publication of the material!

Manuscripts (in hard copy and e-mail form) declined by the Editorial Board will not be returned.

ADRESS OF PUBLISHING OFFICE

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