

Information for Contributors¹

PACS numbers: 01.10.–m

Dear authors,

When preparing your paper for submitting it to the Editorial Board, please, acquaint yourselves with the following requirements, which are based on the Technical Appendix to the Agreement between the International Academic Publishing Company Nauka/Interperiodika and the Editorial Board of Plasma Physics Reports. Papers that do not comply with these requirements may be rejected without registration at the Editorial Board.

The paper must present the results of a completed, original study on any aspect of plasma physics. The paper should be understandable and easy to read not only for specialists in plasma physics but also for those working in related branches of science. For this purpose, the authors are to clearly formulate the subject and goals of investigation and the results obtained. The authors are also to give an assessment of the results obtained, define their position among the results obtained by other authors, and indicate the fields in which these results can be applied.

1. FORMAT AND STRUCTURE OF THE PAPER

1.1. The text of the paper should be typed using standard type fonts (Times New Roman, Courier New, or Arial) with 1.5–2 spacing. The standard typesize is 12 pt. The paper should be carefully edited, and all the pages should be numbered. In order to submit the paper for publication, it is sufficient to send the electronic version of the paper to the Editorial Board by e-mail: plasphys@maik.ru. Simultaneously, the authors should send a hard copy of the paper by usual mail, as well as two hard copies of the Copyright Agreement signed by all the authors (the Copyright Agreement form can be found at the cite <http://www.maik.ru>).

1.2. The electronic version of the paper should be submitted in the MS Word format for Windows or in the LATEX format. The text and graphic files are to be sent as an attachment. If the files are too large, they may be packed by using one of the conventional archivers, such as ARJ, ZIP, or RAR.

1.3. The paper must begin with the title, followed by the authors' initials and surnames, affiliations, and addresses. Then, the abstract follows, after which the

authors should indicate the PACS numbers (see <http://www.aip.org/pacs>). There should be no acronyms (except for those generally accepted) and references in the abstract.

1.4. All the sections of the paper, including the INTRODUCTION and CONCLUSIONS (SUMMARY), should be typed with capital letters and be numbered with Arabic numerals.

1.5. The ACKNOWLEDGMENTS should be placed after the CONCLUSIONS.

1.6. At the end of the text, it is necessary to indicate the full mailing address and e-mail address, as well as the phone and fax numbers, of the author that the Editorial Board should contact.

1.7. References should be listed under the title REFERENCES after the text of the paper.

1.8. The figure captions should be typed on a separate page after the list of references, under title FIGURE CAPTIONS.

1.9. Figures and photos must not be inserted into the running text but should either be placed separately in sequence after FIGURE CAPTIONS or be sent as separate files.

Example of the paper structure.

Ion Acceleration in a Laser Plasma Corona

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Abstract—Results are presented from experimental studies of... (the text of the abstract).

PACS numbers: 52.38.Kd, 52.50. Jm

1. INTRODUCTION

...

2. EXPERIMENTAL SETUP

...

3. EXPERIMENTAL RESULTS AND DISCUSSION

...

¹ This information concerns papers submitted originally in English. Instructions and recommendations for preparing papers submitted in Russian can be found in the Russian version of the journal.

4. CONCLUSIONS

...

The post-office and e-mail addresses.

The phone and fax numbers.

REFERENCES (ON A SEPARATE PAGE)

1...

2...

FIGURE CAPTIONS (on a separate page)

Fig. 1....

Fig. 2....

(Further, the figures are placed.)

2. GENERAL RECOMMENDATIONS

2.1. All the acronyms and abbreviations must be spelled out the first time they are used in the text (except for those generally accepted), e.g., Marx generator (MG), last closed magnetic surface (LCMS), etc.

2.2. In formulas, only Latin and Greek letters should be used.

2.3. Vector quantities (such as \mathbf{r} , \mathbf{E} , or \mathbf{B}) should be typed by a boldface font without an upper arrow. The scalar quantities (such as r , n , or T) should be typed in italic.

2.4. The mathematical symbols (sin, lim, log, max, exp, erf, etc.) and chemical elements (H, Al, Ne, etc.), as well as the types of waves (such as the O wave, TM mode, or E01 mode) and plasma confinement modes (L- and H-modes), should be typed as a plain text.

3. LIST OF REFERENCES

3.1. The references should be numbered in the order of their citation throughout the text. Within the text, references should appear as consecutive numbers in square brackets (e.g., [1]). It is recommended that each item contain a reference to only one publication.

3.2. The titles of the cited articles must not be typed.

3.3. The reference should cite initials and surnames of all the authors, except when there are more than four authors; in the latter case, the first three authors should be cited, followed by et al.

3.4. In references to proceedings of conferences, seminars, etc., it is necessary to give the complete title of the meeting and indicate the city/year where/when it was held (the exact dates when the meeting was held are superfluous). The editors' names, the publishing house, and the year of publication are optional.

3.5. References to laboratory reports (preprints) should not contain abbreviations or acronyms for the names of laboratories or agencies; spell them out.

3.6. Use generally accepted abbreviations of the journal titles: JETP, Nucl. Fusion, Phys. Rev. E, etc.

Examples of the reference formats.

(i) Journal:

Y. Lin, R. Nazikian, J. H. Irbi, and E. S. Marmor, *Plasma Phys. Controlled Fusion* **43**, L1 (2001).

S. I. Gritsinin, I. A. Kossyi, V. P. Silakov, et al., *J. Phys. D* **29**, 1032 (1996).

(ii) Book:

V. S. Lebedev and I. L. Beigman, *Physics of Highly Excited Atoms and Ions* (Springer-Verlag, Berlin, 1998).

(iii) Publication in a collection of articles:

K. Watanabe, in *Advances in Geophysics*, Ed. by H. E. Landsberg and J. van Mieghem (Academic, New York, 1958), Vol. 5, p. 153.

(iv) Publication in conference proceedings:

B. B. Kadomtsev, in *Proceedings of the 7th International Conference on Phenomena in Ionized Gases, Belgrade, 1965*, Vol. II, p. 610.

A. Ogata, in *Proceedings of the Congress on Advanced Accelerator Concepts, Port Jefferson, 1992*, Ed. by J. Wurtele (AIP, New York, 1993), AIP Conf. Proc. **279**, 420 (1993).

(v) Report (preprint):

J. W. Dungey, Report No. 69 (Ionosphere Res. Laboratory, Pennsylvania State University, University Park, PA, 1954).

(vi) Dissertation:

J.B. Swan, PhD thesis (Harvard University, Cambridge, MA, 1974).

4. TABLES

4.1. Numerical data should be presented as tables.

4.2. Tables should be numbered by Arabic numerals in the order in which they appear in the text.

4.3. All the columns must have headings and must be separated by vertical lines.

5. FIGURES

5.1. The figures should be clear and illustrative. Under each figure, there should be the figure's number and the surname of the first author.

5.2. When a figure consists of several panels, they are to be numbered by roman letters ((a), (b), (c), etc.). Such a figure must have a common caption.

5.3. On the abscissas and ordinates, the plotted quantities and the units of measure should be indicated (e.g., R , cm; n_e , 10^{13} cm $^{-3}$; θ , degree; or I , arb. units).

5.4. It is important to avoid overloading figures with inscriptions. The text information concerning the figure should be presented in the figure caption. It is recommended that the curves in figures be merely numbered, the relevant explanation being given in the figure captions.

5.5. For bitmap figures, it is recommended to use the 600-dpi TIFF, JPEG, GIF, or BMP formats with 256 shades of grey (the EPS and PDF formats are also acceptable). Photographs must be presented with a resolution of no less than 300 dpi.