

# Guidelines for Contributors of *Plasma Physics Reports*

When preparing manuscript for submission, please acquaint yourselves with the following requirements. Manuscripts that do not comply may be rejected without registration by the editorial board.

Authors must submit an electronic version of the manuscript, which includes two files: the file containing the main text and tables and the file containing figures. If the text and figures are combined in one file, then a separate file with figures must also be presented. These files must be supplemented with an accompanying file, which should contain the following information: the name of the journal; the title of the manuscript; the last names and initials of the authors; the list of submitted files.

The files should be submitted to the editorial board by e-mail at [plasphys@maik.ru](mailto:plasphys@maik.ru). Together with the manuscript, the authors should submit a completed, signed, and scanned copy of the [copyright transfer agreement](#).

## 1. FORMAT AND STRUCTURE OF MANUSCRIPT

1.1. The text should be typed using Times New Roman font with 1.5 or double spacing. The standard point size is 12 pt. The manuscript should be carefully edited, and all pages should be numbered.

1.2. The electronic version of the manuscript should be prepared in Microsoft Word format or in LATEX format. It is recommended to send the text and graphics files as attached files. If the files are too large, they may be archived with a commonly used archive tool, such as ZIP or RAR.

1.3. The manuscript must begin with the title, followed by the authors' initials and surnames, affiliations, and addresses, followed by the abstract. There should be no abbreviations (except for those generally accepted) and references in the abstract.

1.4. All sections of the manuscript, including the INTRODUCTION and CONCLUSIONS, 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 postal and e-mail addresses and the phone numbers of the corresponding author.

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

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

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

Example of manuscript structure:

## Coaxial Microwave Plasma Source

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**Abstract**—Physical principles underlying the operation of ... (text of abstract).

1. INTRODUCTION
2. EXPERIMENTAL
3. RESULTS AND DISCUSSION
4. CONCLUSIONS

Postal and e-mail addresses. Pphone and fax numbers.

REFERENCES (on a separate page)

1. ...

2. ...

TABLES (on a separate page)

Table 1. ...

Table 2. ...

FIGURE CAPTIONS (on a separate page)

Fig. 1. ...

Fig. 2. ...

(Next follow the figures themselves.)

## 2. GENERAL RECOMMENDATIONS

2.1. All acronyms and abbreviations must be spelled out on first mention in the text (except for those commonly used), e.g., stationary plasma thruster (SPT), last closed magnetic surface (LCMS), etc.

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

2.3. Vector quantities (such as  $\mathbf{v}$ ,  $\mathbf{E}$ , or  $\mathbf{B}$ ) should be typed in boldface without an upper arrow. Scalar quantities (such as  $r$ ,  $n$ , or  $T$ ) should be typed in italic.

2.4. The mathematical functions (sin, lim, log, max, exp, erf, etc.) and chemical elements (H, Al, Ne, etc.), as well as types of waves (such as O wave, TM mode, or  $E_{01}$  mode) and plasma confinement modes (L and H modes), should be typed in plain text.

## 3. LIST OF REFERENCES

3.1. The references should be numbered in the order of their citation in 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 cited articles must be omitted.

3.3. The reference must cite the initials and surnames of *all authors*.

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 (exact dates are superfluous). The editors' names, publishing house, and 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 CASSI-style abbreviations of journal titles.

*Sample references*

### **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, and N. M. Tarasova, *J. Phys. D.* **29**, 1032 (1996).

### **Book:**

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

### **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.

**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).

**Report (preprint):**

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

**Dissertation:**

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

**4. TABLES**

4.1. Numerical data should be presented in the form of tables.

4.2. Tables should be numbered by Arabic numerals in the order in which they are mentioned in the text. It is recommended that the number be followed by the table title.

4.3. If there is only one table, then it is not numbered and is referred to in the text simply as “table.”

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

**5. FIGURES**

5.1. Figures should be clear and illustrative. Under each figure should be the figure’s number and the surname of the first author.

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

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

5.4. It is important to avoid overloading figures with inscriptions. All text information concerning the figure should be presented in the figure caption. It is recommended to replace lettering in figures with numbers, which should be identified in the figure captions.

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