HPL Author Instructions

AIMS AND SCOPE

High Power Laser Science and Engineering is an international, peer-reviewed open access journal which focuses on all aspects of high power laser science and engineering. High Power Laser Science and Engineering publishes research that seeks to uncover the underlying science and engineering in the fields of high energy density physics, high power lasers, advanced laser technology and applications, laser components. Topics covered include laser-plasma interaction, ultra-intense ultra-short pulse laser interaction with matter, attosecond physics, laser design, modeling and optimization, laser amplifiers, nonlinear optics, laser engineering, optical materials, optical devices, fiber lasers, diode-pumped solid state lasers, excimer lasers.'

ORIGINALITY, OPEN ACCESS LICENCE TO PUBLISH FORM AND COPYRIGHT

To be considered for publication in *HPL*, a manuscript cannot have been published previously, nor can it be under review for publication elsewhere. Papers with multiple authors are considered for publication in *HPL* with the assumption that all authors have approved the submitted manuscript and concur in its submission to *HPL*.

For accepted articles, a Licence to Publish form must be completed before the article can be published. Authors are responsible for obtaining written permission from the copyright owners to reprint any previously published material included in their article.

The online version of article is published within an Open Access environment subject to the conditions of the Creative Commons Attribution licence : <<u>http://creativecommons.org/licenses/by/4.0/></u>.

OPEN ACCESS

All articles published in *HPL* are made freely and permanently accessible online immediately upon publication under an Open Access Creative Commons license.

Articles will be published under a creative commons attribution (CC-BY) licence as standard, but authors may elect to publish under the following alternative licences:

- CC-BY-NC-SA (Attribution Non-Commercial Share Alike)
- CC-BY-NC-ND (Attribution Non-Commercial No Derivatives)

Open access publishing in *HPL* is funded through levying an article processing charge (APC) on each individual author's institution or funding body. In 2018, the APC for *HPL* is \pounds 1105 / \$1770 plus VAT where applicable.

Upon acceptance for publication the corresponding author will be contacted on behalf of Cambridge University Press by Rightslink, who will administer the collection of the charge. At that stage the corresponding author can pay by credit card or arrange for an invoice to be issued to his or her funding body or institution.

Author(s) may request a discretionary waiver if they are not able to cover the funds of the APC. Requests must be made prior to submission, before the article enters editorial consideration and will be decided upon by the Publisher, without the knowledge of the editorial board. The author(s) must provide documentary evidence for their request (i.e., a letter from the institution or funder), indicating that no APC funds are available. Waiver requests made after article submission will result in a denied request. The APC charge will be waived for certain commissioned articles and

Editorials and in rare cases when authors and their institutes can clearly demonstrate inability to pay. To ensure availability of funding has no bearing on editorial decisions, the Editors of *HPL* are never involved in correspondence with authors on payment of publication charges. All APC waiver requests must be submitted <u>directly to the publisher</u> prior to submission.

A full waiver of the APC will be granted automatically where the corresponding author is based in a <u>Research4Life Group A country</u>, and a 50% waiver will be granted where the corresponding author is based in a <u>Research4Life Group B country</u>.

The Association of Dutch Universities (VSNU) and the Koninklijke Nederlandse Akademie van Wetenschappen (KNAW) have made an agreement with Cambridge University Press, to establish open access publishing in Cambridge journals for publicly financed research articles from the Netherlands. Authors based at an institution included in the Dutch institution list will automatically receive a waiver. For more information regarding the agreement and which universities or institutes are covered please visit this page.

MANUSCRIPT SUBMISSION AND REVIEW

Manuscripts must be written in English. All manuscripts will be referred to acknowledged experts in the subject for peer-review. HPL uses single-blind peer-review.

All manuscripts must be submitted online at <u>http://mc03.manuscriptcentral.com/clp-hpl</u>. In order to submit a manuscript, authors need an account on the online system. If you are a new user, click the "Register Here" link on the login page to create an account for yourself. If you are unsure whether you have an account or have forgotten your login details, please use the option "Password Help" on the login page and follow the instructions: your login details will be emailed to you immediately if you are already registered. Please do NOT create another account on the system if you have forgotten your password.

Once you have logged in the online system, please go to your Author Centre and follow the instructions to submit a manuscript.

MANUSCRIPT PREPARATION AND STYLE

Manuscripts should be typed in double spacing throughout, including tables, footnotes, references and legends to tables and figures. There should be a margin of at least 2.5 cm all around. The position of tables and figures should be clearly indicated, in sequence, in the text.

Manuscripts should be organized as follows:

Title page. This page should include (a) the article's full title, (b) names and affiliations of all authors, (c) the name, mailing address, and telephone number of the corresponding author.

Abstract and keywords. The abstract should be no longer than 150 words. It should be informative, without descriptive words or citations, and contain the major conclusions and quantitative results or other significant items in the paper. Together with the title, the abstract must be adequate as an index to all the subjects treated in the paper, and will be used as a base for indexing.

The authors should provide from 2 to 5 keywords that reflect the content of the article.

Tables. Tables should be numbered consecutively and each should be typed doublespaced. All tables must be cited and their approximate positions indicated in the text. Tables should be appended on separate sheets and identified with appropriate titles. The table title, which should be brief, goes above the table. A detailed description of its contents or table footnotes should be given directly below the body of the table.

Figures. Figures should be supplied no larger than $8 \times 10^{\circ}$ (approx. 200×250 mm) and must be cameraready. Figures will normally be reduced to one column width (6-8 cm). In the figures, the main lines should be about 0.3 mm in width, and the assistant lines 0.15 mm. Notations in the figures should be distinct and consistent with the same ones in the text, and their font size will be 7-9 pt. The positions of figures should be marked in the text by boxes of a suitable size. Each figure should have its own caption. For photographs, the original photos must be supplied with good contrast and clearly distinguishable details.

Acknowledgement. Please identify all funding sources (by name and contract number, as appropriate) in the acknowledgments.

References. References must be published work and must be numbered consecutively in order of their first citation. References should be listed individually at the end of the text and indicated in the text with a superscript number in square brackets. All of the references' authors, as well as the titles of the referenced articles, should be given. Here are some examples of how to set the most common reference types:

Journals: 1. Wei-Min Wang, Zheng-Ming Sheng, Yu-Tong Li, and Jie Zhang, "Upper-limit power for self-guided propagation of intense lasers in underdense plasma", High Power Laser Sci. Eng. 1, 74 (2013).

Books: N. Bloembergen, Nonlinear Optics (Benjamin, New York, 1965).

Conference proceedings: R. E. Kalman, "A new approach to linear filtering and prediction problems", in *Proceedings of Advanced Seminar on Generalized Inverse and Applications*, M. Z. Nashed, ed. (Academic, San Diego, CA, USA, 1976), p. 111.

Patents: A. C. Hart, Jr., R. G. Huff, and K. L. Walker, "Method of making a fiber having low polarization mode dispersion due to a permanent spin", U.S. patent 5,298,047 (March 29, 1994).

Dissertations: K. L. Corwin, "A circularly-polarized optical dipole trap and other developments in laser trapping of atoms", PhD. Thesis (University of Colorado, 1999).

Online references: H. R. Sheikh, Z. Wang, L. Cormack, and A. C. Bovik, "Live image quality assessment database release 2", http://live.ece.utexas.edu/research/quality (September 8, 2006).

Tips: The authors are recommended to use reference manager tools to arrange the list of references before submission. Download citation style files for EndNote at HPL homepage.

COPYEDITING AND PAGE PROOFS

The publisher reserves the right to copyedit manuscripts to conform to the style of *HPL*. The corresponding author will receive page proofs for final proofreading. No rewriting of the final accepted manuscript is permitted at the proof stage, and substantial changes may be charged to the authors.

OFFPRINTS

No paper offprints are provided, but the corresponding author will receive the pdf of the published article.

Print offprints may be purchased at extra cost at proof stage.

CAMBRIDGE LANGUAGE EDITING SERVICE

We suggest that authors whose first language is not English have their manuscripts checked by a native English speaker before submission. This is optional but will help to ensure that any submissions that reach peer review can be judged exclusively on academic merit. We offer a Cambridge service which you can find out more about <u>here</u>, and suggest that authors make contact as appropriate. Please note that use of language editing services is voluntary and at the author's own expense. Use of these services does not guarantee that the manuscript will be accepted for publication nor does it restrict the author to submitting to a Cambridge-published journal.

PERMISSIONS

Authors wishing to include figures or tables that have already been published elsewhere are required to obtain permission from the copyright owner(s) for both the print and online format and to include evidence that such permission has been granted when submitting their papers. Any material received without such evidence will be assumed to originate from the authors.