

## Instructions to Authors

### Submission

#### *Online submission*

Authors should submit their articles electronically by using the Journal of Computational Physics online submission tool (<http://www.editorialmanager.com/jcomp/>). Authors can upload their article as a LaTeX, Microsoft® (MS) Word®, PostScript or Adobe® Acrobat® PDF document via the online submission tool. The system generates an Adobe Acrobat PDF version of the article, which is used for the reviewing process. It is crucial that all graphical and tabular elements be placed within the text, so that the file is suitable for reviewing. Authors, Reviewers and Editors send and receive all correspondence via the online submission system or e-mail, and no paper correspondence is necessary. Note: Compuscripts submitted are converted into PDF for the review process but may need to be edited after acceptance to follow journal standards. For this an “editable” file format is necessary. See further general instructions on how to prepare your article below.

#### *Hard copy + disk submission*

In exceptional cases, where electronic submission is impossible, authors can submit their manuscript in triplicate directly to the following address:

*Journal of Computational Physics*  
Editorial Office  
P.O. Box 103  
1000 AC Amsterdam  
The Netherlands  
Tel: +31 20 485 2358  
Fax: +31 20 485 2370  
e-mail: [jcp@elsevier.com](mailto:jcp@elsevier.com)  
<http://www.elsevier.com/locate/jcp>

Please note that this type of submission will have a significantly slower publication time than electronic submission via the Journal of Computational Physics online submission tool.

### Review process

After refereeing, the manuscript will be finally judged by one of the Associate Editors, who has the right to accept or reject a paper. Submission of a paper will be taken to imply that it represents original work not previously published, that it is not being considered elsewhere for publication, and that if accepted for publication it will not be published elsewhere in the same form, in any language, without the consent of the Publisher.

### Manuscript preparation

All manuscripts should be written in good English. Paper copies of the text should be prepared with double line spacing and wide margins, on numbered sheets.

*Structure.* Please adhere to the following order of presentation: Article title, Author(s), Affiliation(s), Abstract, Keywords, Main text, Acknowledgements, Appendices, References, Figure captions, Tables.

*Corresponding author.* For hard copy manuscripts, the name, complete postal address, telephone and fax numbers and the e-mail address of the corresponding author should be given on the first page of the manuscript.

### References

References to other work should be consecutively numbered in the text using square brackets and listed by number in the Reference list. Please refer to the more detailed instructions on the journal website for examples.

### Illustrations

For online submissions, electronic graphics are mandatory. See online instructions at: <http://authors.elsevier.com/journal/jcp>. For paper submissions, the Publisher welcomes electronic graphics accompanying

accepted manuscripts. Hardcopy figures should be unmounted unless part of a composite figure. Any scale markers should be inserted on the photograph, not drawn below it.

*Colour plates.* If, together with your accepted article, you submit usable colour figures then Elsevier will ensure, at no additional charge, that these figures will appear in colour on the web (e.g., ScienceDirect and other sites) regardless of whether or not these illustrations are reproduced in colour in the printed version. For colour reproduction in print, you will receive information regarding the costs from Elsevier after receipt of your accepted article. For further information on the preparation of electronic artwork, please see <http://www.elsevier.com/locate/authorartwork>.

Please note. Because of technical complications which can arise by converting colour figures to grey scale (for the printed version should you not opt for colour in print) please submit in addition usable black and white prints corresponding to all the colour illustrations.

### **After acceptance**

*Notification.* You will be notified by the Editor of the acceptance of your article and invited to supply an electronic version of the accepted text, if this is not already available.

*Copyright transfer.* You will be asked to transfer the copyright of the article to the Publisher. This transfer will ensure the widest possible dissemination of information.

*Proofs.* About 4 to 6 weeks after acceptance, a pdf file of the proof is sent out by e-mail to the author in order to check that no undetected errors have arisen in the typesetting (or file conversion) process. Please note that the proofs have been proofread by the Publisher and only a cursory check by the author is needed; we are unable to accept changes in, or additions to, the edited manuscript at this stage. In order to guarantee the fastest possible production times, the proofs must be returned within 48 hours after receipt, preferably by e-mail or fax. If no reply is received from the author, the Publisher assumes that there are no further corrections to be made and will proceed with publication of the article.

### **Author benefits**

*No page charges.* Publishing in Journal of Computational Physics is free.

*Free offprints.* The corresponding author will receive 25 offprints free of charge. The Publisher will supply an offprint order form for ordering any additional paid offprints.

*Discount.* Contributors to Elsevier journals are entitled to a 25% discount on all Elsevier books.

*Contents Direct.* Journal of Computational Physics is included in Elsevier's pre-publication service Contents Direct.

*Article tracking.* Authors can keep track of the process of their manuscript via the online article submission and review system at: <http://jcomp.editorialmanager.com>.

### **Digital Object Identifier**

Academic Press assigns a unique digital object identifier (DOI) to every article it publishes. The DOI appears on the title page of the article. It is assigned after the article had been accepted for publication and persists throughout the lifetime of the article. Because of its persistence, it can be used to query Academic Press information on the article during the production process to find the article on the Internet through various Web sites, and to cite the article in academic references. When a reference to an online version of an article is being cited and that reference has yet to appear in print, authors may want to include the DOI, as volume and page information is not always available. Further information may be found at <http://www.academicpress.com/doi>.

### **More information (after acceptance)**

Visit Elsevier's Author Gateway (<http://authors.elsevier.com>) for the facility to track accepted articles and set up e-mail alerts to inform you when an article's status has changed. The Author Gateway also provides detailed artwork guidelines, copyright information, frequently asked questions and more.

Contact details for questions arising after acceptance of an article, especially those relating to proofs, are provided after registration of an article for publication.

For technical questions, please contact: [authorsupport@elsevier.com](mailto:authorsupport@elsevier.com).