Instructions for Authors

Editorial policy The journal welcomes submissions in any of the areas of plasma physics. Its scope includes experimental and theoretical work on basic plasma physics, the plasma physics of magnetic and inertial fusion, laser–plasma interactions, industrial plasmas, plasma devices and plasmas in space and astrophysics. This list is, of course, merely illustrative of the wide range of topics on which papers are invited, and is not intended to exclude any aspect of plasma physics that is not explicitly mentioned.

Authors are urged to ensure that their papers are written clearly and attractively, in order that their work will be readily accessible to readers. Manuscripts must be written in English. *Journal of Plasma Physics* employs a rigorous peer-review process whereby all submitted manuscripts are sent to recognized experts in their subjects for evaluation. The Editors' decision on the suitability of a manuscript for publication is final.

Submission of manuscripts Papers may be submitted to the Editor or any of the Associate Editors, preferably by email in pdf format. When a paper is accepted, the authors will be asked to supply source files in LaTeX or Word. Instructions for the preparation of these files and LaTeX style files are given in the Instructions for Contributors link at journals.cambridge.org/pla.

Incremental publishing and DOIs In order to make articles which have been accepted for publication in *Journal of Plasma Physics* available as quickly as possible, they are now published incrementally online (at Cambridge Journals Online; journals.cambridge.org) The online version is available as soon as author corrections have been completed and before the article appears in a printed issue. A reference is added to the first page of the article in the journal catchline. This is the DOI – Digital Object Identifier. This is a global publishers' standard. A unique DOI number is created for each published item. It can be used for citation purposes instead of volume, issue and page numbers. It therefore suits the early citation of articles which are published on the web before they have appeared in a printed issue. See journals.cambridge.org/pla.

Proof reading Only typographical or factual errors may be changed at proof stage. The publisher reserves the right to charge authors for correction of non-typographical errors.

Offprints Corresponding authors will receive a PDF of their article upon publication. Print offprints may be purchased from the publisher if ordered at first proof stage.

Copying This journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923. Organizations in the USA who are also registered with C.C.C. may therefore copy material (beyond the limits permitted by sections 107 and 108 of US copyright law) subject to payment to C.C.C. of the per copy fee of \$16.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0022–3778/2010 \$16.00.

ISI Tear Sheet Service, 3501 Market Street, Philadelphia, Pennsylvania 19104, USA, is authorized to supply single copies of separate articles for private use only.

Organizations authorized by the Copyright Licensing Agency may also copy material subject to the usual conditions.

For all other use, permission should be sought from Cambridge or the American Branch of Cambridge University Press.

JOURNAL OF PLASMA PHYSICS

VOLUME 76 • PART 5 • OCTOBER 2010

Letters to the Editor	
Evolution of nonlinearly coupled drift wave-zonal flow system in a nonuniform magnetoplasma	
D. Jovanovic, P. K. Shukla and B. Eliasson	665
Potential distribution around a charged dust grain in an electronegative plasma <i>P. K. Shukla and L. Stenflo</i>	673
Polarization-force-induced dust grain acceleration and intrinsic magnetization of dusty plasmas	
N. Shukla and P. K. Shukla	677
Main Articles	
Theory of particle diffusion in electrostatic turbulent plasma using extended	
direct-interaction approximation M. Taguchi	681
Variation of axial and radial temperature in an expanded thermal plasma jet <i>B. Bora, M. Kakati and A. K. Das</i>	699
Spatio-temporal evolution of thin Alfven resonance layer I. S. Dmitrienko	709
Anisotropies in a charged particle beam Wilson Simeoni, Jr	735
Spatio-temporal evolution of two-plasmon decay in homogeneous plasma D. R. Dimitrijević and A. A. Maluckov	749
Study of the asymmetric magnetic field confining the plasma in an experimental ECR set-up	
S. Barbarino and F. Consoli	763
On the accuracy of the symmetric ergodic magnetic limiter map in tokamaks A. R. Sohrabi, S. M. Jazayeri and M. Mollabashi	777
Evolution of complex amplitudes ratio in weakly anisotropic plasma Yury A. Kravtsov and Bohdan Bieg	795

Cambridge Journals Online journals.cambridge.org/pla



