VOLUME 36 NUMBER 4 2018

LASER AND PARTICLE BEAMS

Pulse Power, High Energy Densities, Hot Dense Matter, and Warm Dense Matter



//doi.org/10.1017/50263034619000028 Published online by Cambridge University Press

Laser and Particle Beams

Pulse Power, High Energy Densities, Hot Dense Matter, and Warm Dense Matter

Editor in Chief: DIETER H.H. HOFFMANN Technical University Darmstadt Nuclear Physics Institute Radiation and Nuclear Physics Department Schlossgartenstrasse 9 64289 Darmstadt, Germany

Emeritus Editor in Chiefs: HEINRICH HORA University of New South Wales Kensington 2033 NSW, Australia

G.H. MILEY University of Illinois Urbana, IL 61801, USA

Associate Editors:

CLAUDE DEUTSCH Laboratoire de Physique de Gaz et Plasmas Universite de Paris XI Orsay 91405, Cedex France

Editorial Board

D. Batani (University of Bordeaux)
T. Desai (National Research Institute for Applied Mathematics)
S. Eliezer (SOREQ)
J. Honrubia (Universidad Politecnica)
K. Horioka (Tokyo Institute of Technology)
M. Kalal (Czech Technical University)
Hong Jin Kong (KAIST)
Y. Maron (Weizmann Institute of Science)
A. Ng (University of British Columbia)
M. Roth (Technical University)
Shao Tao (Chinese Academy of Sciences)
A.S. Shikanov (P.N. Lebedev Physical Institute)
V.F. Tarasenko (High Current Electronics Institute)
A.V. Zrodnikov (Institute of Physics and Power Engineering)

Laser and Particle Beams is an international journal that covers the generation, and the interaction with matter, of high intensity laser and particle beams. It also covers the physics of systems with high energy densities. Specific fields of interest include nuclear fusion, especially inertial confinement, magnetic confinement, diagnostics, material treatment, laboratory astrophysics, plasmas and spectroscopy at extreme conditions, physical properties of hot dense matter, warm dense matter, and intense particle beams and optical (laser) beams from the microwave to the X-ray region. The exploration of these fields and their new physics, including nonlinear and nonclassical phenomena, should find a forum in this journal.

As well as publishing original articles, the journal also publishes occasional review articles, surveys of research at particular laboratories, and reviews of recent books.

Laser and Particle Beams is indexed in Chemical Abstracts, Computerized Engineering Index, Current Contents, Engineering Index Monthly, Inspec, Mechanical Engineering Abstracts, Referativnyi Zhurnal, Science Citation Index, SCOPUS, Index of Scientific Reviews.

© Cambridge University Press, 2018. All rights reserved. No part of this publication may be reproduced, in any form or by any means, electronic, photocopy, or otherwise, without permission in writing from Cambridge University Press. For further information see http://us.cambridge.org/information/rights/ or http://www.cambridge.org/uk/information/rights/

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 US \$20.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 5/0263-0346/15 \$20.00.

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

Subscriptions: *Laser and Particle Beams* (ISSN 0263-0346) is published in March, June, September, and December by Cambridge University Press, One Liberty Plaza, New York, NY 10006/Cambridge University Press, University Printing House, Shaftesbury Road, Cambridge CB2 8BS, UK. 2018 Annual rates for institutions electronic: US \$1587.00 in the USA, Canada, and Mexico; UK £869.00 + VAT elsewhere. Individuals electronic: US \$300.00 in the USA, Canada, and Mexico; UK £160.00 + VAT elsewhere.

Orders, which must be accompanied by payment, may be sent to a bookseller, subscription agent, or direct to the publishers: Cambridge University Press, Journals Department, One Liberty Plaza, New York, NY 10006, USA; orders outside the US, Canada, or Mexico may be sent to Cambridge University Press, University Printing House, Shaftesbury Road, Cambridge CB2 8BS, UK. Claims for missing issues should be made immediately after receipt of the next issue.