

APPLIED PHYSICS LETTERS

CODEN: APPLAB

ISSN: 0003-6951

apl.aip.org

Editor

Nghi Q. Lam, Argonne National Laboratory, Argonne, IL

Associate Editors

Orlando Auciello	F. Paul Mooring
Samuel D. Bader	Paul R. Okamoto
Christoph H. Grein	David Long Price
Qing Hu	Lynn E. Rehn
David S. Kupperman	Jules Routbort
Shuit-Tong Lee	Linda Young

Editorial Board

Term ending 31 December 2007

Harold G. Craighead (Cornell University, Ithaca, NY)
Massimo V. Fischetti (Univ. of Massachusetts, Amherst, MA)
Akihisa Inoue (Tohoku University, Sendai, Japan)
Susan Trolter-McKinstry (Penn State Univ., University Park, PA)

Term ending 31 December 2008

Belita Koiller (Univ. Fed. do Rio de Janeiro, Brazil)
Stephen J. Pearton (Univ. of Florida, Gainesville, FL)
Harry E. Ruda (Univ. of Toronto, Toronto, Canada)
Ivan K. Schuller (Univ. of California, La Jolla, CA)

Term ending 31 December 2009

Pallab K. Bhattacharya (University of Michigan, Ann Arbor, MI)
Dongmin Chen (Beijing Natl. Lab. for Cond. Matt. Phys., China)
Robert J. Nemanich (Arizona State University, Tempe, AZ)
John A. Rogers (University of Illinois, Urbana, IL)

Information for Authors

Submissions: Submit manuscripts online at <http://apl.peerx-press.org>. Editorial Office: Nghi Q. Lam, Editor, *Applied Physics Letters*, Argonne National Laboratory, Bldg. 203, Room R-127, P.O. Box 8296, 9700 South Cass Avenue, Argonne, IL 60439-4843, USA; E-mail: apl@anl.gov. Submission implies that the manuscript has not been published previously, and is not currently submitted for publication elsewhere. For detailed information for contributors, visit <http://apl.aip.org/apl/submit.jsp>.

Publication Charge: To support the cost of wide dissemination of research results through publication of journal pages and production of a database of articles, the author's institution is requested to pay a *page charge* of \$115 per page (with a one-page minimum) and an *article charge* of \$20 per article. For Errata the minimum page charge is \$10, with no article charge.

Open Access: Through participation in *Author Select*[®] and payment of an \$1800 fee, authors may choose open access publication for their accepted papers. See information during manuscript submission at <http://apl.peerx-press.org>.

Free Color Online: If authors supply usable color graphics files in time for the production process, color will appear in the online journal free of charge. Authors or their institutions must bear the cost of any color they wish to use in print. A fixed rate of \$650 for the first color figure and \$325 for each additional color figure applies for color in print. For multipart figures, a single charge will apply only if all parts are submitted as a single piece of artwork.

Cover Image: The color image printed on the front cover of each issue is selected from an article prepared for print in the corresponding issue, based mainly on visual attraction. There is no charge to the author for processing the cover illustration in color. However, if the figure is to be printed in color in the issue, the normal charge still applies (see above details). If the figure is to be printed as black and white in the text, we will ask that the author provide us with a color version for the cover.

Reprints: Order reprints with or without covers only in multiples of 50 from AIP, Circulation & Fulfillment/Reprints, Suite 1NO1, 2 Huntington Quadrangle, Melville, NY 11747-4502; Fax: 516-576-9704; Tel.: 1-800-344-6909 (U.S. & Canada), or 516-576-2270.

Supplemental Material may be deposited with AIP's Electronic Physics Auxiliary Publication Service (EPAPS), a low-cost online depository. For a nominal fee, authors may submit multimedia, data tables, text, etc. Address requests to the Editor; for additional information, see <http://www.aip.org/pubservs/epaps.html>.

Online Status Inquiry: During the production process, authors may access information about their accepted manuscripts at <http://www.aip.org/msinq/status.html>.

Comments: Direct comments on the journal or editorial process to Doreene Berger, Editorial Operations, AIP, Suite 1NO1, 2 Huntington Quadrangle, Melville, NY 11747-4502; Tel.: 516-576-2444; Fax: 516-576-2450; E-mail: dberger@aip.org.

Applied Physics Letters features concise, up-to-date reports of new findings in applied physics. Emphasizing rapid dissemination of key data, the Journal offers prompt publication of significant experimental and theoretical papers bearing on applications of physics to all branches of science, engineering, and modern technology. Content is published online daily, collected into weekly online and printed issues (52 issues per year).

Editorial Office Staff (E-mail: apl@anl.gov; Fax: 630-252-4973) Diane Kurtz, Catherine Dial, Kathleen O'Hare, Kelly Clancy, Laura Rempel, Leslie Weltmeyer, Emily Wurtz

E-mail Production Staff at AIP: apl@aip.org

2007 Subscription Prices

Institutions: For information, visit <http://librarians.aip.org>. Institutional rates may be found online at http://www.aip.org/journal_catalog/AIP2007NonmemberRateFixed.pdf or contact AIP Customer Services at subs@aip.org [Tel.: 800-344-6902 (U.S. & Canada) or 516-576-2270; Fax: 516-349-9704].

Members: The following rates are available to all individual members of AIP Member and Affiliate Societies:

	U.S.	Non-U.S. (Surface)	Optional Air
Print (or microfiche) & online	\$429	\$644	\$684
Online only	\$134	\$134	\$134
Extended backfile access	Online access covers 2002-2007; for access to backfiles from Vol. 1 (1962) to present, add \$65 to subscription price.		
Annual CD-ROM	Add \$30 to subscription price.		

Single issues: \$65 for back issues for 2007
Prior years (members): \$27 Prior years (institutions): \$65

Additional Availability

Online Access: *Applied Physics Letters* is available online at <http://apl.aip.org>.

Microform: *Applied Physics Letters* is available on microfiche issued at the same frequency as the printed journal, and annually on microfilm. Direct requests to AIP, Circulation & Fulfillment/Single Copy Sales, Suite 1NO1, 2 Huntington Quadrangle, Melville, NY 11747-4502; Fax: 516-349-9704; Tel.: 1-800-344-6902 (U.S. & Canada), or 516-576-2270.

Document Delivery: Copies of journal articles can be ordered for online delivery from DocumentStore, AIP's online document delivery service (<http://www.documentstore.org>).

Customer Service

Subscription Orders and Renewals should be addressed to American Institute of Physics, P.O. Box 503284, St. Louis, MO 63150-3284. Tel.: 1-800-344-6902 (U.S. & Canada), or 516-576-2270; Fax: 516-349-9704; E-mail: subs@aip.org. Allow at least six weeks advance notice.

Inquiries, Address Changes, Claims, Single Copy Replacements, and Back Volumes: For address changes, please send both old and new addresses and, if possible, include the mailing label from a recent issue. Missing issue requests will be honored only if received within six months of publication date (nine months for Australia & Asia). Single copies of a journal may be ordered and back volumes are available in print, microfiche, or microfilm. Contact AIP Customer Services at 1-800-344-6902 (U.S. & Canada), or 516-576-2270; Fax: 516-349-9704; E-mail: subs@aip.org.

Reprint Billing: Contact AIP Publication Charge & Reprints/CFD, Suite 1NO1, 2 Huntington Quadrangle, Melville, NY 11747-4502; Tel.: 1-800-344-6909 (U.S. & Canada), or 516-576-2270; E-mail: pcr@aip.org.

Advertising: For advertisement reservations and information, please contact: Jonathan Kummer, Advertising Sales Representative, AIP, 2 Huntington Quadrangle, Suite 1NO1, Melville, NY 11747-4502, USA; Tel.: 800-247-2242 or 516-576-2461; Fax: 516-576-2327; E-mail: jkummer@aip.org. Find the Media Kit online at <http://apl.aip.org/apl/aplmediakit.pdf>. For advertisement production inquiries, please contact and e-mail files to: Christine DiPasca, Sr. Advertising Production Manager; Tel.: 516-576-2434; E-mail cdipasca@aip.org.

Rights and Permissions

Copying: Single copies of individual articles may be made for private use or research. Authorization is given to copy articles beyond the free use permitted under Sections 107 and 108 of the U.S. Copyright Law, provided that the copying fee of \$23.00 per copy per article is paid to the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, USA, <http://www.copyright.com>. For classroom use fees, contact CCC's Academic Permission Service. (Note: The ISSN for this journal is 0003-6951.)

Authorization does not extend to systematic or multiple reproduction, to copying for promotional purposes, to electronic storage or distribution, or to republication in any form. In all such cases, specific written permission from AIP must be obtained. Note: Copies of individual articles may also be purchased online via AIP's DocumentStore service (<http://www.documentstore.org>).

Other Use: See journal home page for author's web posting guidelines. Permission is granted to quote from the journal with the customary acknowledgment of the source. Republication of an article or portions thereof requires formal permission from AIP and may be subject to fees. Permission may be obtained online using Rightslink. Simply click on the Rightslink icon/Permission for Reuse link found in the article abstracts. You may also address requests to: AIP Office of Rights & Permissions, Suite 1NO1, 2 Huntington Quadrangle, Melville, NY 11747-4502; Tel.: 516-576-2268; Fax: 516-576-2450; E-mail: rights@aip.org.

Digital Object Identifier (DOI): Each archival article published is assigned a unique DOI that serves to identify the article in a digital environment. In print, the DOI appears at the end of each abstract.

Applied Physics Letters (ISSN: 0003-6951) is published weekly by the American Institute of Physics, Suite 1NO1, 2 Huntington Quadrangle, Melville, NY 11747-4502. The 2007 print + online base price is US\$2940. POSTMASTER: Send address changes to *Applied Physics Letters*, AIP, Suite 1NO1, 2 Huntington Quadrangle, Melville, NY 11747-4502. Periodicals postage rates are paid at Huntington Station, NY 11746, and at additional mailing offices.

Printed on Advocate 45# paper, pH 7.0.

Copyright ©2007 American Institute of Physics. All rights reserved.