LASERS IN ENGINEERING ISSN: 0898-1507 LAENEG 36(1-3) 1-198 e 36. Numbers 1-3. 201 ISSN 0898-1507 (print) 1029-029X (online) LASERS IN ENGINEERING Founding Editor FOUNDING EDITOR: B.L. MORDIKE **B.L. Mordike** EDITOR-IN-CHIEF Technische Universität Clausthal JONATHAN LAWRENCE REGIONAL EDITORS LIN LI, EHSAN TOYSERKANI AND BEKIR S. YILBAS **Editor-in-Chief** Special Issue The 38th International Manufacturing Automated Systems Jonathan Lawrence logy Applications Design Organization and Management Research (MATADOR) Conference School of Mechanical, Aerospace and Automotive Engineering Faculty of Engineering, Environment and Computing Guest Editors Lin Li and Jonathan Lawrence Coventry University Preface YONATHAN LAWRENCE and LIN LI Gulson Road ects of Fibre Laser Beam Focal Point Location and Incide Coventry, CV1 2JH uality of Stainless Steel Sheet LICK, S. SHRAWGI, A. KANGALE, A AGRAWAL and A.K. NATH United Kingdom te Laser Processing of Metals Using High Average Power Ultrash 31 lasersineng@oldcitypublishing.com asers 1.F. I. SCHNFIDER, L. HARTWIG and U. LOESCHNER Behaviour of ZL109 Aluminum Alloys Textured by Laser Pee 12, ZHOU, YF, MEL J, SHENG, J.Z. LU, X, FENG, H.D. ZHOU and Y, ZHEN 51 **Regional Editors** oparticle Functionalization of Laser Textured Polymer Chemical and Biological Speciation & BAGGA, E. MCCARTHY, R. GROARKE, A. AL-HAMAOY, A. STALCUP, 63 Lin Li, Ehsan Toyserkani, Bekir S. Yilbas Abstracted and Indexed in: ocpscience Cambridge Scientific Abstracts, USA; Materials Information, USA; ISI SciSearch/Research Alert/Materials Science Citation Index Journal Impact Factor

0.214

CALL FOR PAPERS

Lasers in Engineering publishes original (primary) research articles, reviews, short communications and letters on all aspects relating to the application of lasers in the many different branches of engineering and related disciplines.

The topics covered by Lasers in Engineering are the use of lasers: in sensors or measuring and for mapping devices; in electrocomponent fabrication; for materials processing; as integral parts of production assemblies; within the fields of biotechnology and bioengineering; in micro- and nanofabrication; as well as the materials and processing aspects of techniques such as cutting, drilling, marking, cladding, additive manufacturing (AM), alloying, welding and surface treatment and engineering.

Lasers in Engineering presents a balanced account of future developments, fundamental aspects and industrial innovations driven by the deployment of lasers. Modern technology has a vitally important role to play in meeting the increasingly stringent demands made on material and production systems. Lasers in Engineering provides a readily accessible medium for the rapid reporting of new knowledge, and technological and scientific advances in these areas.

Papers concerning scientific aspects; fundamental theory; and mathematical and analytical analysis methods surrounding lasers, laser beams and laser beam interactions and applications should be submitted to the International Journal of Laser Science: Fundamental Theory and Analytical Methods; which provides complementary cover in these topic areas to Lasers in Engineering.

The editors of Lasers in Engineering invite your contributions. Notes for contributors can be found at the journal website at: http://www.oldcitypublishing.com/journals/lie-home/lie-notes-for-contributors/

SUBSCRIPTIONS

Lasers in Engineering publishes three volumes per year, six issues per volume. Subscriptions are renewed on an annual basis.

For 2018, Volumes 39, 40, 41, Issues 1-6

Institutional: US \$5145 • EURO €4654 • YEN ¥614,292 Individual: US \$1431 • EURO €1333 • YEN ¥172,124

For more information, visit http://www.oldcitypublishing.com/journals/lie-home/

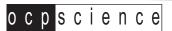
For a sample copy, to subscribe or order back issues, contact:

Old City Publishing 628 North 2nd Street Philadelphia, PA 19123

USA

tel: +1 215 925 4390 • fax: +1 215 925 4371

Enquiries can also be sent by e-mail to info@oldcitypublishing.com



A MEMBER OF THE OLD CITY PUBLISHING GROUP www.oldcitypublishing.com