



Integrated Computer-Aided Engineering

Impact Factor: 2,122

Aims and Scope

Integrated Computer-Aided Engineering was founded in 1993. "Based on the premise that interdisciplinary thinking and synergistic collaboration of disciplines can solve complex problems, open new frontiers, and lead to true innovations and breakthroughs, the cornerstone of industrial competitiveness and advancement of the society" as noted in the inaugural issue of the journal. The focus of ICAE is the integration of leading edge and emerging computer and information technologies for innovative solution of engineering problems. The journal fosters interdisciplinary research and presents a unique forum for innovative computer-aided engineering. It also publishes novel industrial applications of CAE, thus helping to bring new computational paradigms from research labs and classrooms to reality. Areas covered by the journal include (but not limited to) artificial intelligence, advanced signal processing, biologically inspired computing, cognitive modeling, concurrent engineering, database management, distributed computing, evolutionary computing, fuzzy logic, genetic algorithms, geometric modeling, intelligent and adaptive systems, internet-based technologies, knowledge discovery and engineering, machine learning, mechatronics, mobile computing, multimedia technologies, networking, neural network computing, object-oriented systems, optimization and search, parallel processing, robotics virtual reality, and visualization techniques. The primary focus of the journal is novel computational modeling. Papers describing software development projects are not suitable. Papers integrating multiple fields in a novel way are particularly welcome.

Founder and Editor-in-Chief

Hojjat Adeli
Dept. of Civil and Environmental Engineering
The Ohio State University
470 Hitchcock Hall
2070 Neil Avenue
Columbus, OH 43210-1275
USA
Email: adeli.1@osu.edu

Editorial Advisory Board

A. Akay (USA), H. Aref (USA), C.Y. Chang (Taiwan), T.S. Dillon (Australia), J. Dongarra (USA), P. Ghodous (France), M. Gini (USA), E.M. Greitzer (USA), M.F. Iskander (USA), T. Itoh (USA), T.H. Kim (Korea), M. Kivikoski (Finland), R. Kruse (Germany), W. Kuo (USA), M. Morari (Switzerland), C.D. Mote (USA), L. Motus (Estonia), H. Mousavinezhad (USA), P. Papalambros (USA), M.E. Pate-Cornell (USA), C.V. Ramamoorthy (USA), J.N. Reddy (USA), J.R. Rice (USA), C. Ruggiero (Italy), M.A. Salichs (Spain), G. Salvendy (USA), M.S. Shephard (USA), M.A. Simaan, (USA), H.T.Y. Yang, (USA), L.A. Zadeh (USA), L. Zheng (China).

Call for Papers

Please email to the Editor-in-Chief

1) A statement that this manuscript is your "original unpublished work and the manuscript or any variation of it has not been submitted to another publication previously." 2) The pdf and Word files of your paper prepared according to the journal template (available on the journal web site). 3) The names, affiliations, and full contact information including email addresses of six to ten (preferably ten) leading researchers who have published in the subject area of the paper outside your country. (They should not be your advisor, advisee, research sponsor, or research collaborator. They can include senior researchers cited in your paper.). 4) Conscientious Reviewer form for each author (except students) is available on the journal web site.

Subscription Information

Integrated Computer-Aided Engineering (ISSN 1069-2509) will be published in 1 volume of 4 issues in 2012 (Volume 19). Institutional subscription price (print and online): €560 / US\$786. Institutional subscription price (online only): €520 / US\$730. Individual subscription (online only): €155 / US\$185.

Abstracted/Indexed in

Cambridge Scientific Abstracts, COMPENDEX PLUS, CompuMath Citation Index, CompuScience, Current Contents@/Engineering, Computing and Technology, EBSCO's database, INSPEC database, ISI Alerting Services, MasterFILE, PaperChem, Science Citation Index Expanded (SciSearch@), SCOPUS, Zentralblatt MATH.

Recent Contents Volume 18, Number 2 (2011)

Mixed color/level lines and their stereo- matching with a modified Hausdorff distance
N. Lertchuwongsa, M. Gouiffès and B. Zavidovique
DOI 10.3233/ICA-2011-0363

Automatic line and word segmentation applied to densely line-skewed historical handwritten document images
A. Sánchez, C.A.B. Mello, P.D. Suárez and A. Lopes
DOI 10.3233/ICA-2011-0365

Spatio-temporal resolution enhancement of vocal tract MRI sequences based on image registration
A.L.D. Martins, N.D.A. Mascarenhas and C.A.T. Suazo
DOI 10.3233/ICA-2011-0367

Computer theory and digital image processing applied to brain activation recognition
F. Luis de Mello, E. Strauss and A.A.F. de Oliveira
DOI 10.3233/ICA-2011-0368

Automatic image search based on improved feature descriptors and decision tree
J. Hou, Z. Chen, X. Qin and D. Zhang
DOI 10.3233/ICA-2011-0364

Extracting knowledge from fuzzy relational databases with description logic
Z.M. Ma, F. Zhang, L. Yan and J. Cheng
DOI 10.3233/ICA-2011-0366

✂ Order Form

IOS Press

Nieuwe Hemweg 6B
1013 BG Amsterdam
The Netherlands
Fax: +31 20 687 0019
Email: market@iospress.nl
URL: www.iospress.nl

IOS Press c/o Accucoms US, Inc.

For North America Sales and
Customer Service
West Point Commons
Suite 201
Lansdale, PA 19446
USA
Tel.: +1 866 855 8967
Fax: +1 215 660 5042
Email: iospress@accucoms.com

IOS
Press

Please complete this form and send it to your usual supplier or to one of the addresses on the left

Please enter my 2012 subscription to *Integrated Computer-Aided Engineering*

- Institutional subscription (print and online): €560 / US\$786
(including postage and handling)
 Institutional subscription (online only): €520 / US\$730
 Individual subscription (online only): €155 / US\$185

Please bill me

Please charge my credit card

Amer. Express Euro/Master
Exp. Date: Card no.:

Visa
Security Code:

Name:

Address:

City/Zipcode:

Fax:

Date:

Country:

VAT no.:

Signature:

Check our website for a free electronic sample copy of *Integrated Computer Aided Engineering*



Follow us on Twitter @IOSPress_STM

WWW.IOSPRESS.NL