Profile

About AMCS

The International Journal of *Applied Mathematics and Computer Science* (AMCS) is a quarterly published jointly by the University of Zielona Góra and the Lubuskie Scientific Society in Zielona Góra, Poland, since 1991. It strives to meet the demand for the presentation of interdisciplinary research concerned with applications of mathematical methods to computer science and engineering.

AMCS publishes high quality original research results in the following areas:
mathematical methods in computer science and engineering,
modern control theory and applications,
artificial intelligence methods and their applications,
applied mathematics and mathematical optimization approaches.

Indexation

AMCS is currently indexed and abstracted by

Science Citation Index Expanded (SciSearch®)
Journal Citation Reports/Science Edition
INSPEC
EBSCO
Scopus-Elsevier
MathSciNet
Mathematical Reviews
Compendex
Zentralblatt MATH
Current Mathematical Publications
Applied Mechanics Reviews
VINITI
BazTech.

Editors

Editor-in-Chief

Józef KORBICZ
University of Zielona Góra, Poland

Deputy Editor

Dariusz UCIŃSKI
University of Zielona Góra, Poland

Editorial Office

University of Zielona Góra
Institute of Control
& Computation Engineering
ul. Podgórna 50
65-246 Zielona Góra
Poland
tel.: +48 68 3282506
fax: +48 68 3284751
e-mail: amcs@uz.zgora.pl
website: www.amcs.uz.zgora.pl

Agnieszka ROŻEWSKA
Manager

Agata WIŚNIEWSKA-KUBICKA
Technical Editor

www.amcs.uz.zgora.pl

Associate Editors

Marian ADAMSKI
University of Zielona Góra, Poland
Igor AIZENBERG
Texas A&M University-Texarkana, USA
Robert BABUŠKA
Delft University of Technology, The Netherlands
Stanisław BAŃKA
West Pomeranian University of Technology in Szczecin, Poland
Famida N. CHOWDHURY
University of Louisiana, Lafayette, USA
Michael A. DEMETRIOU
Worcester Polytechnic Institute, USA
Steven X. DING
University of Duisburg-Essen, Germany
Abdelhaq EL JAI
University of Perpignan, France
Dimitar FILEV
Ford Research & Advanced Engineering, Dearborn, USA
Rolf FINDEISEN
University of Magdeburg, Germany
Krzysztof GAŁKOWSKI
University of Zielona Góra, Poland
Adam GRZECH
Wrocław University of Technology, Poland
George W. IRWIN
Queen's University Belfast, UK
Adam JANIAK
Wrocław University of Technology, Poland
Janusz KACPRZYK
Polish Academy of Sciences, Warsaw, Poland
László KEVICZKY
Hungarian Academy of Sciences, Budapest, Hungary
Jerzy KLAMKA
Silesian University of Technology, Gliwice, Poland
Jan M. KOŚCIELNY
Warsaw University of Technology, Poland
Zdzisław KOWALCZUK
Gdańsk University of Technology, Poland
Ryszard KOWALCZYK
Swinburne University of Technology, Australia
Krzysztof KOZŁOWSKI
Poznań University of Technology, Poland
Miroslav KRSTIC
University of California, San Diego, USA
Adam KRZYZAK
Concordia University, Montreal, Canada
Marek KURZYŃSKI
Wrocław University of Technology, Poland
James LAM
University of Hong Kong, China

Irena LASIECKA
University of Virginia, Charlottesville, USA
Vyacheslav MAKSIMOV
Russian Academy of Sciences, Ural Branch, Ekaterinburg, Russia
Krzysztof MALINOWSKI
Warsaw University of Technology, Poland
Wojciech MITKOWSKI
AGH University of Science and Technology, Cracow, Poland
Henk NIJMEIJER
Eindhoven University of Technology, The Netherlands
Stanisław OSOWSKI
Warsaw University of Technology, Poland
Ronald J. PATTON
University of Hull, UK
Witold PEDRYCZ
University of Alberta, Edmonton, Canada
Andrzej PIEGAT
West Pomeranian University of Technology in Szczecin, Poland
Vincenç PUIG
Technical University of Catalonia, Barcelona, Spain
Ewaryst RAFAJŁOWICZ
Wrocław University of Technology, Poland
Eric ROGERS
University of Southampton, UK
Leszek RUTKOWSKI
Technical University of Częstochowa, Poland
Jose SÁ da COSTA
Technical University of Lisbon, Portugal
Dominique SAUTER
Nancy University, France
Alexey E. SHUMSKY
Pacific State Economic University, Vladivostok, Russia
Silvio SIMANI
University of Ferrara, Italy
Roman SŁOWIŃSKI
Poznań University of Technology, Poland
Jan SOKOLOWSKI
Nancy University, France
Andrzej ŚWIERNIAK
Silesian University of Technology, Gliwice, Poland
Ryszard TADEUSIEWICZ
AGH University of Science and Technology, Cracow, Poland
Piotr TATJEWSKI
Warsaw University of Technology, Poland
Krzysztof TCHOŃ
Wrocław University of Technology, Poland
Donghua ZHOU
Tsinghua University, Beijing, China
Enrique ZUAZUA
Basque Center for Applied Mathematics, Bilbao, Spain
Jacek M. ZURADA
University of Louisville, USA

Notes for Authors

Requirements in brief

Our basic rules include electronic paper submission and processing, the LaTeX format following a special AMCS style preferred for paper final versions, copyright transfer, a voluntary page charge.

Paper submission

Paper proposals may be submitted only through our on-line submission system as PDF files. The papers will be subject to a full review procedure, and a decision on whether or not to accept the paper will be made based on the reviewers' comments.

Electronic processing

The authors of accepted papers will be requested to provide the final versions of their work as electronic word processing files preferably in the LaTeX format using our AMCS class.

Paper style

The style of papers to be published in AMCS is determined by a special LaTeX class, which is described in detail in our instructions for authors.

Copyright transfer

All authors must sign the copyright transfer agreement before the article can be published. The agreement allows protecting the copyrighted material, without affecting the authors' proprietary rights.

Page charge

Papers published in AMCS are subject to a voluntary page charge, which will be invoiced through the author to the author's institution. Publication, however, is not dependent on the payment of this charge.

Reprints

15 free reprints (without covers) and one sample copy of the Journal are provided when the paper has been published. Additional reprints and Journal copies can be ordered from the Editorial Office.

Details, submission and downloads

The complete guide for authors can be found on our website at www.amcs.uz.zgora.pl.

Present your research with us!

Subscription

Our subscription is annual and covers four printed issues.

Rates

Domestic

Universities & individuals: 160 PLN
Institutions: 600 PLN

Foreign

Individuals: 180 EUR (Europe)
                   200 EUR (other countries)
Institutions: 200 EUR

The prices include shipping and handling costs.

Payment methods

We accept bank transfers and off-line credit card payments.

Orders

Please contact the Editorial Office for subscription orders.

Specials

Selected special issues and sections

2008, Vol. 18, No. 4: Special issue
ISSUES IN FAULT DIAGNOSIS AND FAULT TOLERANT CONTROL
Editors: Józef KORBICZ, Dominique SAUTER
Authors: A. Ligęza, Y. Tharrault, K. Patan, E. Skubalska-Rafajłowicz, A. A. Yassine, M. Patan, C. Cempel, N. K. Poulsen, D. Theilliol, Z. Kowalczuk, C. Aubrun, P. M. Marusak, M.Laursen, E. Rafajłowicz, W. Cholewa

2008, Vol. 18, No. 3: Special issue
SELECTED PROBLEMS OF COMPUTER SCIENCE AND CONTROL
Editors: Krzysztof GAŁKOWSKI, Eric ROGERS, Jan WILLEMS
Authors: E. Zerz, P. H. Bauer, D. H. Owens, R. Rabenstein, T. Zięba, M. Hunger, S. Yarmolik, M. Sawerwain, P. Molchanov, K. Halawa, Ł. Hładowski, S. Banerjee, Y. Yang, S. Petruseva

2008, Vol. 18, No. 2: Special section
SELECTED TOPICS IN BIOLOGICAL CYBERNETICS
Editors: Andrzej KASIŃSKI, Filip PONULAK
Authors: F. Ponulak, I. Uysal, J. Śmieja, R. Cierniak, M. Hrebień

2008, Vol. 18, No. 1: Special issue
APPLIED IMAGE PROCESSING
Editors: Anton KUMMERT, Ewaryst RAFAJŁOWICZ
Authors: E.R. Davies, S. Schauland, T. Wejrzanowski, E. Skubalska-Rafajłowicz, E. Rafajłowicz, Y. Li, Ł. Jeleń, M. Smereka, Y. Xin, M. Wnuk