

Profile

About

The *International Journal of Applied Mathematics and Computer Science* is a quarterly published in Poland since 1991 by the University of Zielona Góra in partnership with the Lubuskie Scientific Society and De Gruyter Poland, under the auspices of the Committee on Automatic Control and Robotics of the Polish Academy of Sciences. It strives to meet the demand for the presentation of interdisciplinary research in various fields related to control theory, applied mathematics, scientific computing, and computer science.

In particular, *AMCS* publishes original, high-quality full-length research papers in the following areas: *modern control theory and practice; artificial intelligence methods and their applications; applied mathematics and mathematical optimisation techniques; and mathematical methods in engineering, computer science and biology.*

Indexation

Chief indexing and abstracting services

ACM Digital Library, Applied Mechanics Reviews, Clarivate Analytics (formerly Thomson Reuters), Current Mathematical Publications (AMS), DBLP Computer Science Bibliography, EBSCO, Elsevier, Google Scholar, Inspec, Mathematical Reviews (MathSciNet), Proquest, Zentralblatt MATH, *and others.*

Impact Factor

1.694 (2017)
5-Year IF: **1.712** (2017)

Editors

Editor-in-Chief

Józef KORBICZ
University of Zielona Góra, Poland

Deputy Editor

Dariusz UCIŃSKI
University of Zielona Góra, Poland

Associate Editors

Vincent COCQUEMPOT
Lille 1 University, France
Stefan DOMEK
West Pomeranian University of Technology in Szczecin, Poland
Joanna KOŁODZIEJ
Cracow University of Technology, Poland
Marios M. POLYCARPOU
University of Cyprus, Nicosia, Cyprus
Vincenç PUIG
Technical University of Catalonia, Barcelona, Spain
Silvio SIMANI
University of Ferrara, Italy
Yonghong TAN
Shanghai Normal University, China

Board Members

Harald ASCHEMANN
University of Rostock, Germany
Cherukuri ASWANI KUMAR
VIT University, Vellore, India
Czesław BAJER
Polish Academy of Sciences, Warsaw, Poland
Andrzej BARTOSZEWICZ
Technical University of Łódź, Poland
Marek BODNAR
University of Warsaw, Poland
Jérôme CIESLAK
University of Bordeaux, France
Julio CLEMPNER
National Polytechnic Institute, Mexico City, Mexico
Bogusław CYGANEK
AGH University of Science and Technology, Cracow, Poland

Miroslav FIKAR
Slovak University of Technology in Bratislava, Slovakia
Luís GOMES
New University of Lisbon, Portugal
Xiao HE
Tsinghua University, Beijing, China
Bin JIANG
Nanjing University of Aeronautics and Astronautics, China
Janusz KACPRZYK
Polish Academy of Sciences, Warsaw, Poland
Mehmet KARAKÖSE
Firat University, Elazığ, Turkey
Jerzy KLAMKA
Silesian University of Technology, Gliwice, Poland
Jacek KLUSKA
Rzeszów University of Technology, Poland
Jan M. KOŚCIELNY
Warsaw University of Technology, Poland
Zdzisław KOWALCZUK
Gdańsk University of Technology, Poland
Marek KURZYŃSKI
Wrocław University of Technology, Poland
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
Stanisław OSOWSKI
Warsaw University of Technology, Poland
Yongping PAN
National University of Singapore, Singapore
Ronald J. PATTON
University of Hull, UK
Witold PEDRYCZ
University of Alberta, Edmonton, Canada
Piotr PORWIK
University of Silesia in Katowice, Poland
Jianbin QIU
Harbin Institute of Technology, China
Ewaryst RAFAJLOWICZ
Wrocław University of Technology, Poland
Rotislav RAZUMCHIK
Russian Academy of Sciences, Moscow, Russia
Leszek RUTKOWSKI
Technical University of Częstochowa, Poland
Horst SCHULTE
HTW Berlin, Germany
Piotr SKRZYPCZYŃSKI
Poznań University of Technology, Poland
Roman SŁOWIŃSKI
Poznań University of Technology, Poland
Mircea-Traian SOFONEA
University of Perpignan, France

Jan SOKOŁOWSKI
University of Lorraine, Nancy, France
Jerzy STEFANOWSKI
Poznań University of Technology, Poland
Andrzej ŚWIERNIAK
Silesian University of Technology, Gliwice, Poland
Zoltán SZABÓ
Hungarian Academy of Sciences, Budapest, Hungary
Ryszard TADEUSIEWICZ
AGH University of Science and Technology, Cracow, Poland
Piotr TATJEWSKI
Warsaw University of Technology, Poland
Didier THEILLIOL
University of Lorraine, Nancy, France
Ewaryst TKACZ
Silesian University of Technology in Gliwice, Poland
Marcin WITCZAK
University of Zielona Góra, Poland
Rongni YANG
Shandong University, Jinan, China
Shen YIN
Harbin Institute of Technology, China
Guisheng ZHAI
Shibaura Institute of Technology, Tokyo, Japan
Alexey ZHIRABOK
Far Eastern Federal University, Vladivostok, Russia
Teresa ZIELIŃSKA
Warsaw University of Technology, Poland
Jacek M. ZURADA
University of Louisville, USA

Editorial Office

University of Zielona Góra
Institute of Control &
Computation Engineering
ul. prof. Z. Szafrana 2
65-516 Zielona Góra
Poland

☎ +48 683282506
✉ amcs@uz.zgora.pl
🌐 www.amcs.uz.zgora.pl

Agnieszka ROŻEWSKA
Manager

Agata WIŚNIEWSKA-KUBICKA
Technical Editor

Guide

Requirements in brief

Our basic rules include electronic paper submission and processing, the LaTeX format following a special *AMCS* style, a license to publish, and page charges.

Paper submission

Paper proposals may be submitted only through our on-line submission system. If suitable for our journal, 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.

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. No other formats are accepted.

License to publish

All authors must sign a license to publish upon paper acceptance. The license governs in detail the commercial and non-commercial use of papers published by our journal, and determines user and author rights.

Page charge

The authors are expected to pay page charges, which cover the costs of the publishing process and will be invoiced upon paper acceptance.

Provisions

One sample copy of the journal and the electronic version of the paper are provided for authors once the issue has been published.

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!

www.amcs.uz.zgora.pl

© University of Zielona Góra. Some rights reserved.
Contents available for non-commercial use under the Creative Commons Attribution-NonCommercial-NoDerivs 3.0 (CC BY-NC-ND 3.0) license.
Printed in 130 copies. Primary version: print.

Subscription

Our subscription is annual and covers four printed issues.

2019 Rates

<i>Domestic</i>	
Individuals & scientific institutions:	180 PLN
Other customers:	480 PLN
<i>Foreign</i>	
Individuals:	120 EUR
Institutions:	200 EUR
Prices exclusive of VAT. Postage free for standard delivery.	

Payment methods

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

Orders

Please contact the Editorial Office for subscription orders.

Specials

Recent special issues and sections

2018, Vol. 28, No. 2: Special section
ADVANCED DIAGNOSIS AND FAULT-TOLERANT CONTROL METHODS
Editors: Vicenç PUIG, Dominique SAUTER, Christophe AUBRUN, Horst SCHULTE
Authors: S. Pröll *et al.*, S. Simani *et al.*, B. Li *et al.*, M. Quiñones-Grueiro *et al.*, M. Pazera *et al.*, G.P. Falconí *et al.*, N. Harrabi *et al.*

2018, Vol. 28, No. 1: Special section
ISSUES IN PARAMETER IDENTIFICATION AND CONTROL
Editor: Abdel AITOUCHE
Authors: K.A. Markowski, E. Zattoni, M. Patan and D. Kowalów, K. Srinivasarengan *et al.*, S. Li *et al.*, M. Zhou *et al.*, F. Karimi Pour *et al.*, N. El Fezazi *et al.*

2017, Vol. 27, No. 4: Special section
EXPLORING COMPLEX AND BIG DATA
Editors: Jerzy STEFANOWSKI, Krzysztof KRAWIEC, Robert WREMBEL
Authors: J. Stefanowski *et al.*, R. Bembenik *et al.*, B. Bilalli *et al.*, M. Gorawski and M. Lorek, M. Koziarski and M. Woźniak, A.I. Weinberg and M. Last

2017, Vol. 27, No. 3: Special section
SYSTEMS ANALYSIS: MODELLING AND CONTROL
Editors: Vyacheslav MAKSIMOV, Boris MORDUKHOVICH
Authors: M. Blizorukova and V. Maksimov, V.I. Maksimov and B.S. Mordukhovich, V.G. Pimenov and A.S. Hendy, R. Rabah *et al.*