## The international journal published by ComSIS Consortium

ISSN: 1820-0214

ComSIS publishes original papers of lasting value covering both theoretical foundations of computer science and commercial, industrial, or educational aspects that provide new insights into design and implementation of software and information systems. ComSIS also welcomes surveys papers that contribute to the understanding of emerging and important fields of computer science. Regular columns of the journal cover reviews of newly published books, presentations of selected PhD and master theses, as well as information on forthcoming professional meetings. In addition to wide-scope regular issues, ComSIS also includes special issues covering specific topics in all areas of computer science and information systems.

## Aims and scope

Computer Science and Information Systems (ComSIS) is an international refereed journal, published in Serbia. The objective of ComSIS is to communicate important research and development results in the areas of computer science, software engineering, and information systems.

We publish original papers of lasting value covering both theoretical foundations of computer science and commercial, industrial, or educational aspects that provide new insights into design and implementation of software and information systems. ComSIS also welcomes surveys papers that contribute to the understanding of emerging and important fields of computer science. Regular columns of the journal cover reviews of newly published books, presentations of selected PhD and master theses, as well as information on forthcoming professional meetings. In addition to wide-scope regular issues, ComSIS also includes special issues covering specific topics in all areas of computer science and information systems.

ComSIS publishes invited and regular papers in English. Papers that pass a strict reviewing procedure are accepted for publishing. ComSIS is published semiannually.

ComSIS supports the Open Access policy of distribution of published manuscripts, ensuring "free availability on the public Internet, permitting any users to read, download, copy, distribute, print, search, or link to the full texts of [published] articles". More information about the Open Access policy is available <a href="here">here</a>. ComSIS charges a nominal fee for printed volumes only.

# **Indexing Information**

ComSIS is covered or selected for coverage in the following:

<u>Science Citation Index (also known as SciSearch) and Journal Citation Reports / Science Edition by Thomson Reuters, with 2010 two-year impact factor 0.324</u>

Computer Science Bibliography, University of Trier (DBLP)

EMBASE (Elsevier)

Scopus (Elsevier)

Summon (Serials Solutions)

EBSCO bibliographic databases

IET bibliographic database Inspec

FIZ Karlsruhe bibliographic database io-port

Google Scholar

<u>Index of Information Systems Journals (Deakin University)</u>

Center for Evaluation in Education and

Science and Ministry of Science of Republic of Serbia (CEON)

in cooperation with the National Library of Serbia

Serbian Citation Index (SCIndeks)

doiSerbia

### **Information for Serbian Researchers**

ComSIS is classified as a journal of M23 category in "Industrial Software and Informatics" domain.

http://www.nauka.gov.rs/cir/index.php?option=com\_content&task=view&id=930&Itemid=43

http://www.nauka.gov.rs/cir/images/stories/Maticni n odbori/Liste casopisa 2009/mno ind.softver-informatika.pdf

## **ComSIS Consortium**

The ComSIS Consortium is a group of leading scientiffic institutions from universities in Serbia and Montenegro, including the Serbian Academy of Science and Art, who jointly publish the ComSIS journal.

## **University of Belgrade**

#### **Faculty of Organizational Science**

Address: Jove Ilića 154, 11000 Belgrade, Serbia

Phone: (+381) 11 3950 800 Fax: (+381) 11 461 221

### **Faculty of Mathematics**

Address: Studentski Trg 16, 11000 Belgrade, Serbia

Phone/fax: (+381) 11 630 151

#### **School of Electrical Engineering**

Address: Bulevar kralja Aleksandra 73, 11000 Belgrade, Serbia

Phone: (+381) 11 3218 321 Fax: (+381) 11 3248 681

## University of Novi Sad

#### **Faculty of Science**

Address: Trg Dositeja Obradovića 3, 21000 Novi Sad, Serbia

Phone: (+381) 21 455630 Fax: (+381) 21 455662

#### **Faculty of Technical Sciences**

Address: Trg Dositeja Obradovića 6, 21000 Novi Sad, Serbia

Phone: (+381) 21 450810 Fax: (+381) 21 458133

#### **Faculty of Economics**

Address: Put Moše Pijade 9-11, 24000 Subotica, Serbia

Phone: (+381) 24 55 24 94 Fax: (+381) 24 54 64 86

#### **Technical Faculty**

Address: Đure Đakovića BB, 23000 Zrenjanin, Serbia

Phone: (+381) 23 550 515 Fax: (+381) 23 550 520

### **University of Montenegro**

#### **Faculty of Economics**

Address: Jovana Tomaševića 37, 81000 Podgorica, Montenegro

Phone: (+382) 81 24 11 38 Fax: (+382) 81 24 17 57

#### **Faculty of Mathematics and Science**

Address: Džordža Vašingtona bb, Podgorica, Montenegro

Phone: (+382) 81 245 204 Fax: (+382) 81 244 608

## Serbian Academy of Science and Art

#### **Mathematical Institute**

Address: Knez Mihailova 35, 11001 Belgrade, Serbia

Phone: (+381) 11 33 42 400 Fax: (+381) 11 18 28 25

## **Union University**

#### **School of Computing**

Address: Knez Mihailova 6/VI, 11000 Belgrade, Serbia

Phone: (+381) 11 26 27 613 Fax: (+381) 11 26 23 287

## **Editorial council**

Stanislav Ambroszkiewicz, Polish Academy of Science, Poland Zora Arsovski, University of Kragujevac, Serbia Dragić Banković, University of Kragujevac, Serbia Tim Bell, University of Canterbury, New Zealand Saša Bošnjak, University of Novi Sad, Serbia Želimir Branović, University of Novi Sad, Serbia Hans-Dieter Burkhard, Humboldt University of Berlin, Germany Balakrishnan Chandrasekaran, Ohio State University, USA Vidojko Ćirić, University of Belgrade, Serbia Dragan Domazet, Faculty of Information Technology, Belgrade, Serbia Slobodanka Đrođević-Kajan, University of Niš, Serbia Petar Hotomski, University of Novi Sad, Serbia Zoran Jovanović, University of Belgrade, Serbia Leonid Kalinichenko, Russian Academy of Scence, Russia Zora Konjović, University of Novi Sad, Serbia Ioannis Koskosas, University of Western Macedonia, Greece Winfried Lamersdorf, *University of Hamburg*, *Germany* Timothy C. Lethbridge, *University of Ottawa*, *Canada* Anđelko Lojpur, *University of Montenegro*, *Montenegro* Yannis Manolopoulos, Aristotle University, Greece Alok Mishra, Atilim University, Turkey Sanjav Misra, Atilim University, Turkey Jelica Protić, University of Belgrade, Serbia Dan Simpson, *University of Brighton*, *UK* Dušan Starčević, University of Belgrade, Serbia Stanimir Stojanov, Faculty for Informatics, Ploydiy, Bulgaria Dušan Surla, University of Novi Sad, Serbia Milan Tuba, *University of Belgrade*, *Serbia* Pere Tumbas, University of Novi Sad, Serbia Pascale Zarate, IRIT-INPT, Toulouse, France Katerina Zdravkova, Faculty of Mathematics, Skopje, FYR Macedonia

# Managing board

Mirjana Drakulić, University of Belgrade, Faculty of Organizational Science, Serbia Branko Kovačević, University of Belgrade, School of Electrical Engineering, Serbia Gordana Pavlović-Lažetić, University of Belgrade, Faculty of Mathematics, Serbia Dragoslav Herceg, University of Novi Sad, Faculty of Science, Serbia Neđo Balaban, University of Novi Sad, Faculty of Economics, Serbia Velimir Sotirović, University of Novi Sad, Technical Faculty, Serbia Ilija Ćosić, University of Novi Sad, Faculty of Technical Sciences, Serbia Vujica Lazović;, University of Montenegro, Faculty of Economics, Montenegro Stevan Milinković, Union University, School of Computing, Serbia Predrag Stanišić, University of Montenegro, Faculty of Mathematics and Science, Montenegro