

**EDITOR-IN-CHIEF**  
**EDITORIAL BOARD**

**Vlado Glavinić** (University of Zagreb, Croatia)  
**Andrea Kő** (Corvinus University of Budapest, Hungary)  
**Xiaohua Li** (State University of New York at Binghamton, USA)  
**Shifeng Liu** (Beijing Jiaotong University, China)  
**Zongmin Ma** (Northeastern University, Shenyang, China)  
**Aniket Mahanti** (University of Auckland, New Zealand)  
**Robert Manger** (University of Zagreb, Croatia)  
**Kourosh Neshatian** (University of Canterbury, New Zealand)  
**Slobodan Ribarić** (University of Zagreb, Croatia)  
**Siniša Segvić** (University of Zagreb, Croatia)  
**Jan Snajder** (University of Zagreb, Croatia)  
**Runlong Zhang** (Beijing Jiaotong University, China)  
**Hong Zhao** (Fairleigh Dickinson University, USA)  
**Zeljko Zilić** (McGill University, Montreal, Canada)

**MANAGING EDITORS**

**Goran Delač** (University of Zagreb, Croatia)  
**Alan Jović** (University of Zagreb, Croatia)  
**Richard Torkar** (Chalmers University of Technology and the University of Gothenburg, Sweden)

**EDITOR FOR  
SCIENTIFIC INTEGRITY**

**Jadranka Stojanovski** (University of Zadar and Rudjer Boskovic Institute, Zagreb, Croatia)

**EDITOR FOR  
BIBLIOMETRICS**

**ASSOCIATE EDITORS**

**Bruno Blašković** (University of Zagreb, Croatia)  
**Goran Delač** (University of Zagreb, Croatia)  
**Domagoj Jakobović** (University of Zagreb, Croatia)  
**Gordan Ježić** (University of Zagreb, Croatia)  
**Alan Jović** (University of Zagreb, Croatia)  
**Šandi Ljubić** (University of Rijeka, Croatia)  
**Željka Mihajlović** (University of Zagreb, Croatia)  
**Jurij Mihelič** (University of Ljubljana, Slovenia)  
**Miljenko Mikuc** (University of Zagreb, Croatia)  
**Stjepan Picek** (Katholieke Universiteit Leuven, Belgium)  
**Mincong Tang** (Beijing Jiaotong University, China)  
**Domen Verber** (University of Maribor, Slovenia)  
**Boris Vrdoljak** (University of Zagreb, Croatia)

**EDITORIAL ADVISORY  
BOARD**

**Marios C. Angelides** (Brunel University, United Kingdom)  
**Egon Börger** (University of Pisa, Italy)  
**Felix Breitenacker** (Vienna University of Technology, Austria)  
**Leo Budin** (Croatian Academy of Sciences and Arts, and University of Zagreb, Croatia)  
**Rainer E. Burkard** (Graz University of Technology, Austria)  
**Matjaž Colnarič** (University of Maribor, Slovenia)  
**Maria Victoria Bueno Delgado** (Technical University of Cartagena, Spain)  
**Atam P. Dhawan** (New Jersey Institute of Technology, USA)  
**Georgios I. Doukidis** (Athens University of Economics and Business, Greece)  
**Bogdan Filipič** ("Jožef Stefan" Institute, Slovenia)  
**Jože Gričar** (University of Maribor, Slovenia)  
**Yuri Gurevich** (University of Michigan, USA)  
**András Jávör** (Budapest University of Technology and Economics, Hungary)  
**Branko Jeren** (University of Zagreb, Croatia)  
**Damir Kalpić** (University of Zagreb, Croatia)  
**Slavko Krajcar** (University of Zagreb, Croatia)  
**Sven Lončarić** (University of Zagreb, Croatia)  
**Nader F. Mir** (San Jose State University, USA)  
**Tanja Mitrović** (University of Canterbury, New Zealand)  
**Heinrich Niemann** (University of Erlangen-Nürnberg, Germany)  
**Nikola Pavešić** (University of Ljubljana, Slovenia)  
**Jerzy W. Rozenblit** (University of Arizona, USA)  
**Hossein Saiedian** (University of Kansas – Lawrence, USA)  
**Andrés Santos** (Technical University of Madrid, Spain)  
**Andrew Seila** (University of Georgia, USA)  
**Darko Skorin-Kapov** (Adelphi University, USA)  
**Asim Smailagic** (Carnegie Mellon University, USA)  
**Richard Torkar** (Chalmers University of Technology and the University of Gothenburg, Sweden)  
**Mladen Vouk** (North Carolina State University, USA)  
**Zvonko Vranesic** (University of Toronto, Canada)  
**Sanjo Zlobec** (McGill University, Canada)

**EDITORIAL OFFICE**

**University of Zagreb Faculty of Electrical Engineering and Computing (FER)**  
Unska 3, HR-10000 Zagreb, Croatia  
phones: +385 1 612 9548, +385 1 612 9549, fax: +385 1 612 9653  
e-mail: cit@fer.hr, Web: <http://cit.fer.hr>  
**CIT. Journal of Computing and Information Technology** is published quarterly.  
Printed by: Element d.o.o., Menčetićevo 2, HR-10000 Zagreb, Croatia  
Partially financed by the Ministry of Science, Education and Sports of the Republic of Croatia.

**EDITORIAL POLICY**

**CIT. Journal of Computing and Information Technology** is an international peer-reviewed journal covering the area of computing and information technology, i.e. computer science, computer engineering, software engineering, information systems, and information technology. CIT endeavors to publish stimulating accounts of original scientific work, primarily including research papers on both theoretical and practical issues, as well as case studies describing the application and critical evaluation of theory. Surveys and state-of-the-art reports will also be considered, and proposals for such papers will be discussed within the Editorial Board.  
Specific areas of interest comprise, but are not restricted to, the following topics: theory of computing, design and analysis of algorithms, numerical and symbolic computing, scientific computing, artificial intelligence, image processing, pattern recognition, computer vision, embedded and real-time systems, operating systems, computer networking, Web technologies, distributed systems, human-computer interaction, technology enhanced learning, multimedia, database systems, data mining, machine learning, knowledge engineering, soft computing systems, network security, computational statistics, computational linguistics, and natural language processing.  
Special attention is paid to educational, social, legal and managerial aspects of computing and information technology. In this respect CIT fosters the exchange of ideas, experience and knowledge between regions with different technological and cultural background, and in particular developed and developing ones.