

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

**Vlado Glavinić** (University of Zagreb, Croatia)  
**Maria Victoria Bueno Delgado** (Technical University of Cartagena, Spain)  
**Andrea Kó** (Corvinus University of Budapest, Hungary)  
**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)  
**Tanja Mitrovic** (University of Canterbury, New Zealand)  
**Richard Picking** (Glyndŵr University, Wales, United Kingdom)  
**Slobodan Ribarić** (University of Zagreb, Croatia)  
**Richard Torkar** (Chalmers University of Technology and the University of Gothenburg, Sweden)  
**Runlong Zhang** (Beijing Jiaotong University, China)  
**Hong Zhao** (Fairleigh Dickinson University, USA)

**EDITOR FOR SCIENTIFIC INTEGRITY**  
**EDITOR FOR BIBLIOMETRICS**  
**ASSOCIATE EDITORS**

**Richard Torkar** (Chalmers University of Technology and the University of Gothenburg, Sweden)

**Jadranka Stojanovski** (University of Zadar, Croatia)  
**Siniša Šegvić** (University of Zagreb, Croatia)  
**Jan Šnajder** (University of Zagreb, Croatia)  
**Mincong Tang** (Beijing Jiaotong University, China)  
**Domen Verber** (University of Maribor, Slovenia)

**ASSISTANT EDITOR EXECUTIVE EDITORS**

**Vesna Hljuz Dobrić** (University of Zagreb, Croatia)  
**Branka Marjanović** (University of Zagreb, Croatia)  
**Ana Mari Čajsa** (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)  
**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 Krajcár** (University of Zagreb, Croatia)  
**Sven Lončarić** (University of Zagreb, Croatia)  
**Nader F. Mir** (San Jose State University, USA)  
**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)  
**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  
phone: +385 1 612 9538, fax: +385 1 612 9888  
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.