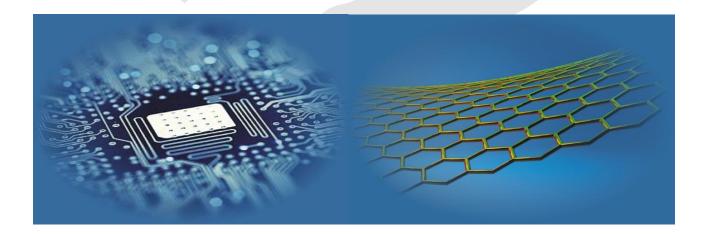
Latvian Transport Development and Education Association

Computer Modelling and New Technologies

2014 Volume 18 No 12

ISSN 1407-5806, ISSN 1407-5814 (On-line: www.cmnt.lv)



Riga – 2014

EDITORIAL BOARD

Prof. Igor Kabashkin	Chairman of the Board, Transport & Telecommunication Institute, Latvia		
Prof. Yuri Shunin	Editor-in-Chief, Information Systems Management Institute, Latvia		
Prof. Adolfas Baublys	Vilnius Gediminas Technical University, Lithuania		
Prof. Stefano Bellucci	Frascati National Laboratories – National Institute of Nuclear Physics, Italy		
Dr. Brent Bowen	Embry-Riddle Aeronautical University, United States of America		
Prof. Olgierd Dumbrajs	University of Latvia, Solid State Physics Institute, Latvia		
Prof. Pavel D'yachkov	Kurnakov Institute for General and Inorganic Chemistry, Russian Academy of Sciences, Russian Federation		
Prof. Dietmar Fink	University of Mexico, United Mexican States		
Prof. Alytis Gruodis	Vilnius University, Lithuania		
Prof. Arnold Kiv	Ben-Gurion University of the Negev, Israel		
Prof. Vladimir Litovchenko	V. Lashkaryov Institute of Semiconductor Physics of National Academy of Scienc of Ukraine, Ukraine		
Prof. Sergey Maksimenko	Institute for Nuclear Problem, Belarus State University, Belarus		
Prof. Ravil Muhamedyev	International IT University, Kazakhstan		
Prof. Eva Rysiakiewicz-Pasek	Institute of Physics, Wroclaw University of Technology, Poland		
Prof. Michael Schenk	Fraunhofer Institute for Factory Operation and Automation IFF, Germany		
Prof. Kurt Schwartz	Gesellschaft für Schwerionenforschung mbH, Darmstadt, Germany		
Contributing Editor	Prof. Victor Gopeyenko, Information Systems Management Institute, Latvia		
Literary Editor	Prof. Tamara Lobanova-Shunina, Riga Technical University, Latvia		
Technical Editor, secretary of Editorial Board	MSc Comp Nataly Burluckaya, Information Systems Management Institute, Latvia		

Journal topics:	Publisher	Supporting Organizations
 mathematical and computer modelling computer and information technologies natural and engineering sciences operation research and decision making nanoscience and nanotechnologies innovative education 	Latvian Transport Development and Education Association	Latvian Academy of Sciences Latvian Operations Research Society Transport and Telecommunication Institute, Latvia Fraunhofer Institute for Factory Operation and Automation IFF, Germany International IT University, Kazakhstan

Articles should be submitted in English. All articles are reviewed.

EDITORIAL CORRESPONDENCE	COMPUTER MODELLING AND NEW TECHNOLOGIES, 2014, Vol. 18, No.12 ISSN 1407-5806, ISSN 1407-5814 (on-line: www.cmnt.lv)	
Latvian Transport Development and Education Association	Scientific and research journal The journal is being published since 1996	
68 Graudu, office C105, LV-1058 Riga, Latvia Phone: (+371) 29411640 E-mail: yu_shunin@inbox.lv http://www.cmnt.lv	The papers published in Journal 'Computer Modelling and New Technologies' are included in: INSPEC, www.theiet.org/resources/inspec/ VINITI, http://www2.viniti.ru/ CAS Database http://www.cas.org/ EI Compendex	