naši autori





Mišel Brezak received B.Sc. degree in Electrical Engineering from the Faculty of Electrical Engineering and Computing (FER Zagreb), University of Zagreb, in 2001. The same year he joined the Department of Control and Computer Engineering at FER Zagreb, where he is currently working towards his Ph.D. His main research interests are in the fields of mobile robotics (mobile robot localization, motion planning, multirobot systems) and computer vision (vision ba-

sed motion control, global vision based mobile robot localization). During his graduate studies he was awarded with faculty prize for the academic year 1997/98 and with scholarship from the Croatian Ministry of Science, Education and Sports. He published 2 paper in an international journal and 15 papers in proceedings of international conferences.



Jyotirmay Gadewadikar received his Bachelor's degree in Electronics and Instrumentation Engineering from SGS Inst. of Tech. and Science, Indore, India in 1997. He has worked for Tata Steel as a Senior Officer and was involved with installation and commissioning in the Cold Rolling Mill Project. He received the Master's of Science in Electrical Engineering in 2003, and Ph. D. in 2007. In 2007 he joined Alcorn State University, Mississippi, USA where he serves as Assis-

tant Professor at Department of Advanced Technologies and Director of Sensors and Automation Laboratory at Systems Research Institute. His research interests include H_{∞} control, output feedback control, helicopter UAV control, electromechanical systems, and Automated Testing and Measurement tools.



Edouard Ivanjko received B.Sc. degree in 2001, Ph.D. degree in 2009. from Faculty of Electrical Engineering and Computing (FER Zagreb), University of Zagreb. His main research interests are: mobile robotics, localization of mobile robots and environment modeling for mobile robots. During his undergraduate and graduate studies he was awarded with four faculty prizes and with scholarships

from the Croatian Ministry of Science, Education and Sports and the Pharmaceutics Company Pliva d.d.. He published 2 papers in international journals and 19 papers in proceedings of international conferences. He is a member of IEEE and Croatian Society for Robotics.



F.L. Lewis, Fellow IEEE, Fellow IFAC, Fellow Inst. Measurement & Control, PE Texas, U.K. Chartered Engineer, Distinguished Scholar Professor and Moncrief-O'Donnell Chair at University of Texas at Arlington. Bachelor's Degree Physics/EE and MSEE, Rice University. MS Aeronautical Engineering, Univ. W. Florida. Ph.D., Ga. Tech. Works in feedback control, nonlinear control, and intelligent systems. Author of 5 U.S. patents, 202 journal papers, 315 confe-

rence papers, and 12 books. Awards include Fulbright Research Award Greece, NSF Research Initiation Grant, ASEE Terman Award, Int. Neural Network Society Gabor Award. Received Outstanding Service Award from Dallas IEEE Section, selected as Engineer of the year by Ft. Worth IEEE Section. Listed in Ft. Worth Business Press Top 200 Leaders in Manufacturing. Founding Member of the Board of Governors of the Mediterranean Control Association.



Gorazd Karer received the B.Sc. and Ph.D. degrees in 2004 and 2009, respectively, from the Faculty of Electrical Engineering, University of Ljubljana, Slovenia. He is employed as researcher and assistant at the Laboratory of Modelling, Simulation and Control at the Faculty of Electrical Engineering, University of Ljubljana, Slovenia. His research interests are in hybrid and nonlinear systems and model predictive control.



Ognjen Kuljača received his B.Sc and M.Sc. degrees from Faculty of Electrical Engineering and Computing in Zagreb, University of Zagreb in 1994 and 1998, respectively. Between 1994 and 1999 he was with Control Systems Department, Brodarski Institute, Zagreb, Croatia. He finished his Ph.D. study in Electrical Engineering at The University of Texas in Arlington in 2003. In 2004 he joined Alcorn State University, Mississippi,

USA where he serves as Assistant Professor at Department of Advanced Technologies and Associate Director of Sensors and Automation Laboratory at Systems Research Institute. His research and professional interests are in optimal control, neural networks and fuzzy control, power systems control and industrial automation.



Saša Mladenović is teaching assistant at Computer Science Department of Faculty of Science, University of Split. He received B.Sc. degree in electrical engineering from the Faculty of Electrical Engineering, Mechanical Engineering, and Naval Architecture, University of Split. From 1999 to 2006 he was acting as Technical manager of the Toll collection system department of Ecsat, Croatia, that is software development responsible for the Transportation department of CS group Designer, integrator and

operator of mission critical systems, France. His research interests include interoperability, intelligent technologies like ontology and multiagent systems, especially engineering applications of intelligent technologies. He is IEEE member since 1996.



Gašper Mušič received B.Sc., M.Sc. and Ph.D. in electrical engineering from the University of Ljubljana, Slovenia in 1992, 1995 and 1998 respectively. He is Associate Professor at the Faculty of Electrical Engineering, University of Ljubljana where he is lecturing Automation and Computer control of systems. His research work is focused on the area of control systems technology and the area of modelling and simulation of discrete-event and hybrid dynamical systems,

with particular interest in supervisory control, planning, scheduling, and industrial informatics.



Miquel Angel Piera is a professor at the Universitat Autonoma de Barcelona and during the last 5 years has lead the 'Aeronautical Management' degree, establishing different collaboration agreements with airlines, carriers and airports to improve air transport logistic operations. His research interest focus on logistic systems, causal modeling and discrete event system simulation, he has been very active in the simulation community organizing as General Co-Chair

for more than five International Conferences (I3M). At present, he is a co-founder of a spin-off company (http://www.dlm-solutions.com/) focused on modeling and optimization of complex systems, and the head of the research team LogiSim.



Darko Stipaničev is senior full professor at Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, University of Split and head of department for Modelling and Intelligent Computer Systems. He received a PhD in 1987. from the Faculty of Electrical Engineering (now Faculty of Electrical Engineering and Computing), University of Zagreb. His research interests include intelligent control methods and integration of vision sensors in control

systems and digital image processing and analysis.



Igor Škrjanc received B.Sc., M.Sc. and Ph.D. in electrical engineering, in 1988, 1991 and 1996, respectively, from the Faculty of Electrical and Computer Engineering, University of Ljubljana, Slovenia. He is currently Full Professor at the same faculty. His main research interests are in adaptive, predictive, fuzzy and fuzzy adaptive control systems.



Maja Štula is a docent of computer science at Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, University of Split. She received a BS in electrical engineering in 1996, a MSc in 2001 and a PhD in 2005. all from the Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, University of Split. Her research interests include intelligent technologies like multi-agent systems, ontology and fuzzy cognitive maps, especially engineering applications of

intelligent technologies. She is IEEE member since 2005.



Catya Atziry Zuniga Alcaraz received her BSc in Mechanic Engineering from the Autonomous Metropolitan University, Mexico in 2003. In 2007 she received the Mechanical Specialization degree from the National Polytechnic Institute of Mexico and the Graduate in Superior Education from the University of Tepeyac, Mexico. She worked as a university professor as well as an administrative position as a sub director of engineering during 2006-2008 at the University of Tepeyac, Mexico. In 2009 she

obtained her Master degree in Computer Engineering (Advanced Production Techniques) from the Autonomous University of Barcelona, Spain where she has been working as an assistant professor since 2008. Her research is focused primarily on developing modelling and simulation methodologies to improve logistics and production processes.



Borut Zupančič received B.Sc., M.Sc. and Ph.D. degrees in electrical engineering from University of Ljubljana, Slovenia in 1977, 1979 and 1989, respectively and became full professor on the Faculty of Electrical Engineering, University of Ljubljana, Slovenia in 2000. Currently he is the Head of the Laboratory of Modelling, Simulation and Control, Head of the chair for Systems, Control and Cybernetics. His major research interests are: multi-domain and object oriented modelling and simulation,

continuous and hybrid control systems design, harmonization of thermal and radiation flows in buildings.