

# Curriculum Vitae – Blaž Rodič

## 1. Education background

2002-2004 Ph.D. in Information Systems Management from University of Maribor, Faculty of Organizational Sciences. Thesis title »Distributed simulation support with mobile agents and XML«. The thesis focused on the development of a system using an XML based intermediary format for the exchange of data between simulation models and data sources and mobile agents acting as data brokers.

2002-2002 MA degree in Information Systems Management from University of Maribor, Faculty of Organizational Sciences.

1996-1999 B.Sc. degree in organizational informatics from University of Maribor, Faculty of Organizational Sciences.

1992-1995 B.Sc. degree in electrical engineering from University of Ljubljana, Faculty of Electrical Engineering.

## 2. Fellowship and awards

2000 – 2004: Junior researcher Ph.D. fellowship by Slovenian Research Agency

## 3. Professional background

2000 - 2004: Junior research fellow at Faculty of Organizational Sciences, University of Maribor.

2005 - 2007: Senior research fellow at Faculty of Organizational Sciences, University of Maribor.

2007 - 2007: Researcher at the University and Research Centre of Novo mesto.

2007 - 2008: Research fellow at Faculty of Applied Social Studies in Nova Gorica.

2008 - 2009: Researcher at Faculty of Information Studies in Novo mesto.

2009 - present: Head of the institute of information studies at Faculty of Information Studies in Novo mesto.

### a. Part time posts

2008 - present: Assistant professor at Faculty of Applied Social Studies in Nova Gorica.

### b. Consultancy

2009 – present: member of the expert council at the Business Incubator Podbreznik in Novo mesto

## 4. Research projects

### a. International research projects

Mo.Di - Montagne Digitale, digital divide in mountain communities (Mo.Di, Interreg IIIC South), 2005-2007, Lead partner: Tecla, Rome, Italy, budget: 1.022.450 EUR, producing a model for the improvement of IT literacy and access to online public services in remote mountain communities, role: training and coordination of work of tutors at public internet points, equipping of internet points, technical support, support in physical exchanges of experiences, <http://www.bsc-kranj.si/O-nas/Reference>

M-Lab – Youth Laboratory, improvement and development of youth's employment opportunities, (M-LAB, EU EQUAL programme), 2005-2006, budget: 312.848 EUR, development of a model for improvement of employability of vulnerable youth groups and its support information system, role: head of M-LAB information system development ([www.m-lab.si](http://www.m-lab.si)), <http://www.bsc-kranj.si/O-nas/Reference>

#### **b. European Union Framework programme**

IRC - Innovation relay centre of Slovenia, (EU Framework programme 5), 2001-2003, budget: 417.811 EUR, role: collecting, preparing and publishing technology offers and requests of companies in the network of several dozen of IRC centres in the EU, Cyprus, Israel, Turkey and Chile, <http://www.irc-slovenija.ijs.si>

ARRGOS 3% - "Advance of European regions' R&D governance systems to reach the 3% objective" (Regions of Knowledge 2, Framework programme 6), 2006-2007, budget: 700.000 EUR, analysis of regional RTD governance systems and development of tools for development of regional RTD systems, role: researcher (regional application of tools and feedback collection), <http://www.arrgos3.eu/>

CRIPREDE - Creating a Research and Technology Development (RTD) Investment Policy for Regions in Emerging and Developed Economies (Regions of Knowledge 2, Framework programme 6), 2006-2007, budget 500.000 EUR, The purpose of this project was to analyse the current RTD policy processes of the partner regions constituting the consortium; and to clearly identify the bottlenecks that are hindering effective R&D investments to, and accordingly the economic development of, these regions. Project result: adaptive model for regional RTD strategy development and tools for its application, <http://www2.wit.ie/SchoolsDepartments/SchoolofBusiness/CFE/Research/ResearchProjects/CRIPREDE/>

#### **c. National projects**

Reengineering of a manufacturing scheduling system in automotive company Iskra Avtoelektrika d.d., Kranj, Šempeter pri Novi Gorici, 2000-2003, applied project

Development of a human resource scheduling solution, for company BLOK d.o.o., 2006, applied project

Development of solutions for the scheduling of human resources and other resources, for company ICIT d.o.o. (subsidiary of HIT d.d.), 2005-2006, applied project

GambLib: public online database of publications in gambling and gaming research, for company HIT d.d., role: head of IT project , 2007-ongoing, applied project  
IS model for Slovenian higher education institutions, (CRP), 2008-2009, budget 90.000 EUR, financed by the Slovenian Research Agency

#### Additional training

1. Technology transfer workshop, 3.-4.5.2000, Jožef Štefan Institute, Ljubljana
2. How to Write a Competitive Proposal for the Fifth Framework Programme, Dr. Sean McCarthy, Hyperion Ltd., Ireland, Ljubljana 2001
3. How to Write a Competitive Proposal for FP6, Dr. Sean McCarthy, Hyperion Ltd., Ireland, Ljubljana 2003
4. Oracle tools course, SIOUG conference, Portorož, 2005
5. Use of PREACTOR planning and scheduling tool, Inea d.o.o., Ljubljana, 2005
6. Licensing of Intellectual Property, two day seminar, European Patent Academy, Ljubljana 2006

#### **5. Membership in professional associations**

Member of Slovenian Society for Simulation and Modelling SLOSIM

#### **6. Selected publications**

##### **a. Books**

RODIČ, Blaž. Distribuirani sistemi za podporo odločanju in programski agenti. Nova Gorica: Fakulteta za uporabne družbene študije, 2008. 170 pgs.. ISBN 978-961-6718-05-9.

##### **b. Articles in peer reviewed journals**

VUKOVIČ, Goran, ZAVRŠNIK, Bruno, RODIČ, Blaž, MIGLIČ, Gozdana. The training of civil servants in the Slovene state administration: issues introducing training evaluation. Int. rev. adm. sci., dec. 2008, vol. 74, no. 4, pg. 653-676.

KLJAJIĆ, Miroljub, BRESKVAR, Uroš, RODIČ, Blaž. Computer aided scheduling with use of genetic algorithms and a visual discrete event simulation model. WSEAS Trans. Syst., 2004, vol. 3, no. 3, pg. 1021-1026.

RODIČ, Blaž, KLJAJIĆ, Miroljub. Mobile agents and XML for distributed simulation support. V: KLJAJIĆ, Miroljub (ed.), ŠKRABA, Andrej (ed.). Simulation based decision support, (Organizacija, Letn. 38, 2005, No. 9). Kranj: Moderna organizacija, 2005, pg. 490-498.

RODIČ, Blaž, KLJAJIĆ, Miroljub. Accessing distributed data sources with mobile agents and XML. V: JAŠKOVÁ, Mária (ed.). ECON '05 : [selected research papers], (Research works proceedings, Vol. 12, 2005). Ostrava: Technical University of Ostrava, Faculty of Economics, 2005, pg. 280-287.

### **c. Published conference papers**

RODIČ, Blaž, KLJAJIČ, Miroljub. Software agents for distributed simulation systems. V: ZAJC, Baldomir (ed.), TKALČIČ, Marko (ed.). The IEEE Region 8 EUROCON 2003 : computer as a tool : 22-24. September 2003, Faculty of Electrical Engineering, University of Ljubljana, Ljubljana, Slovenia : proceedings. Piscataway: IEEE, cop. 2003, pg. 415-419.

RODIČ, Blaž, KLJAJIČ, Miroljub. Software agents for simulation integration. V: LASKER, George Eric (ed.), KLJAJIČ, Miroljub (ed.). Advances in support systems research. Volume VII, Simulation-based decision support in enterprises and regional planning : [papers from the 16th International Conference on Systems Research, Informatics and Cybernetics held July 29-AUG. 4, 2004 in Baden-Baden, Germany]. Windsor (Ont.): The International Institute for Advanced Studies in Systems Research and Cybernetics, 2004, pg. 37-41.

KLJAJIČ, Miroljub, BRESKVAR, Uroš, RODIČ, Blaž. Computer aided scheduling with use of genetic algorithms and a visual discrete event simulation model. V: GONOS, Ioannis (ed.). Proceedings of the WSEAS International Conferences: 5th WSEAS Int. Conf. on Applied Mathematics (MATH 2004), Miami, Florida, USA, April 21-23, 2004, ... [et al.]. [S. l.]: WSEAS, cop. 2004, [6] pg.

KOFJAČ, Davorin, KLJAJIČ, Miroljub, ŠKRABA, Andrej, RODIČ, Blaž. Adaptive fuzzy inventory control algorithm for replenishment process optimization in an uncertain environment. V: ABRAMOWICZ, Witold (ed.). 10th International Conference BIS 2007, Poznań, Poland, April 25-27, 2007. Business information systems : proceedings, (Lecture notes in computer science, 4439). Berlin; Heidelberg: Springer, 2007, pg. 536-548.

RODIČ, Blaž. Bridging the digital divide in mountain communities - the Mo.Di project. V: AURER, Boris (ed.), BAČA, Miroslav (ed.), RABUZIN, Kornelije (ed.). 19th Central European Conference on Information and Intelligent Systems, September 24-26, 2008, Varaždin, Croatia. Conference proceedings. Varaždin: University of Zagreb, Faculty of Organisation and Informatics, 2008, pg. 95-103.

RODIČ, Blaž. Performance impact of security mechanisms on Java mobile agents for data retrieval. V: AURER, Boris (ed.), BAČA, Miroslav (ed.), RABUZIN, Kornelije (ed.). 20th Central European Conference on Information and Intelligent Systems, September 23-25, 2009, Varaždin, Croatia. Conference proceedings. Zagreb: University of Zagreb; Varaždin: Faculty of Organisation and Informatics, 2009, pg. 103-110.

### **d. Chapters in books**

RODIČ, Blaž. "Montagne digitale" - bridging the digital divide in remote areas. V: PINTERIČ, Uroš (ed.), ŠINKOVEC, Urša (ed.). Informacijska družba : multidisciplinarni pogledi : multidisciplinary approaches. Nova Gorica: Fakulteta za uporabne družbene študije, 2008, pg. 33-50.

BALANTIČ, Zvone, RODIČ, Blaž. Dynamic seating - a modern necessity. V: FLORJANČIČ, Jože (ed.), PAAPE, Björn (ed.). Organisation and management : selected topics. Frankfurt am Main [etc.]: P. Lang, 2003, pg. 311-320. [COBISS.SI-ID 3584019]