

Dr. Mirjana Ivanović

Curriculum Vitae

(May 23, 2016)

Address:

Department of Mathematics and Informatics
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Narodnog fronta 72/144
21000 Novi Sad
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Personal Data

- **Date of birth:** December 18, 1960
- **Place of birth:** Vršac, Autonomous Province of Vojvodina, Yugoslavia
- **Sex:** Female
- **Marital status:** Married, two children
- **Citizenship:** Serbia

Languages

- **Mother tongue:** Serbian
- **Active knowledge:** English, Russian
- **Reading knowledge:** All Slavic languages

Fields of Interests in Computer Science

- Multi-Agent Systems, Information Systems
- E-learning, web-based learning
- Data Mining
- Case Based Reasoning
- Programming Languages and Tools
- Object-Oriented Methodology
- Implementation of Functional Programming Languages
- Compiler Construction

Education

University of Novi Sad, Faculty of Science, Novi Sad, Yugoslavia:

- Ph.D. Mathematics, 1992 12.06.1992.
- M.S. Mathematics, 1988 grade point average: 9.80 (10 max.)
- B.S. Computer Science, 1983 grade point average: 9.57 (10 max.)

- Ph.D. thesis was in the field of computer science - object-oriented programming languages and their usage in computer aided instruction systems.

- M.S. thesis was in the field of computer science - syntax analysis.

Professional Experience

- Professor, since 2002
University of Novi Sad, Faculty of Sciences, Novi Sad
- Associate Professor, 1997 - 2002
University of Novi Sad, Faculty of Sciences, Novi Sad
- Assistant Professor, 1993 - 1997
University of Novi Sad, Faculty of Sciences, Novi Sad
- Assistant Lecturer, 1988 - 1993
University of Novi Sad, Faculty of Sciences, Novi Sad
- Systems Engineer, 1986 - 1988
"Novi Sad Cable Works" (production of cables & micro-computers), Novi Sad
- Systems Analyst, 1984 - 1986
"Elektrovojvodina" (distribution of electrical power), Computing Center, Novi Sad

Other Activities

She was member of Scientific council of the Faculty (2001-2006), University Council for informatics (2001-2006, 2009 - now). 2007-2011, she was a member of Advisory Board of the Faculty. From 2007-2010 she was Head of computing laboratory. Currently she is head of Chair of Computer Science.

Teaching Experience – Graduate level

Faculty of Science, Novi Sad, University of Novi Sad

PhD level

- Programming Paradigms 2007 - present
- E-business and Modeling 2007 - present
- Selected Topics in Methodology of Teaching Informatics II 2007 - present
- Teaching Programming Methodology 2007 - present
- e-learning and Distance Learning 2007 - present
- Agents and Multi Agent Systems 2007 - present
- Software Validation and Testing 2007 - present
- Systems Development 2007 - present

Master Level

- *Methodological Aspects of Programming*, for Master level 2007 – present
- *Distance Learning*, for Master Level 2008 - present
- *Educational Software*, for Master Level 2005 - present
- *Requirement Engineering*, for Master Level 2007 - present

Faculty of Natural Sciences and Mathematics, Skopje, University of Ss. Cyril and Methodius

- *Requirement Engineering*, for Master students in Software Engineering, 2007 - present
- *Information Systems Development Process*, for Master students in Software Engineering 2007-2008.

Teaching Experience - Undergraduate level

Thought the Courses

Faculty of Science, Novi Sad, University of Novi Sad

- *Methodic in Informatics* 2007 – present
- *Educational Software* 2005 – present
- *Ethical aspects of informatics*, 2005 - present
(for students of computer science - first semesters. Deals with basic principles of ethics, computer influenced ethics, professional ethics,...)
- *Software project management*, 2004 - present
(for students of computer science - Deals with principles of project management in IT domain)
- *Object-oriented programming*, 2004 - present
(for students of computer science)
- *Programming Languages*, 1998 - present
(for students of computer science - third and fourth semesters. Deals with principles of programming languages of procedural, object-oriented, functional, and logical style)
- *Introduction to Programming*, 1997 - present
(for students of computer science - first and second semesters. Deals with basic programming principles in procedural programming style)
- *Compiler Construction*, 1996 – present
(for students of computer science - seventh and eighth semesters. Deals with principles of compiler construction of procedural and functional programming languages)
- *Introduction to Programming and Programming Languages*, 1996 - 1997
(for students of computer science - first and second semesters. Deals with basic programming principles in procedural, object-oriented, functional, and logic programming style)
- *Introduction to Programming*, 1993 - 1996
(for students of computer science - first semester. Deals with basic programming principles and programming language Modula-2)

- *Programming Languages*, 1993 - 1996
(for students of computer science - second semester. Deals with programming in logic, functional and object-oriented paradigm)
- *Compilers and Interpreters*, 1993 - 1996
(for students of computer science - seventh and eighth semesters. Deals with principles of compiler and interpreter construction)

Faculty of Technical Sciences, Novi Sad, University of Novi Sad

- *Translators of Programming Languages*, 2001 – 2004.
(for students of computer science - ninth semester)

Faculty of Economics, Subotica, University of Novi Sad

- *Programming Languages*, 1994 - 1995
(for students of computer science - seventh and eight semesters. Deals with advanced programming in programming language C)

Higher Business School, Novi Sad

- *Programming Languages*, 1998 - 1999
(for students of computer science - third and fourth semesters. Deals with object-oriented programming in Java and Object Pascal (Delphi))

Conducted the Exercises for the Courses

Faculty of Science, Novi Sad, University of Novi Sad

- *Compiler Construction*, 1996 - 1999
- *Introduction to Programming*, 1991 - 1996
- *Programming Languages*, 1991 - 1996
- *Compilers and Interpreters*, 1988 - 1993
- *Computers and Programming*, 1988 - 1990
(for students of mathematics - first and second semester)
- *Elementary Algebra*, 1988 - 1989
(for students of mathematics and computer science - second semester)
- *Modeling and Simulation*, 1990 - 1991
(for students of computer science - seventh and eight semester)
- *Introduction to Computer Science*, 1991 - 1993
(for students of geography - fourth semester)
- *Introduction to Computer Science*, 1991 - 1993
(for students of biology - sixth semester)

Faculty of Agriculture, Novi Sad, University of Novi Sad

- *Mathematics*, 1988 - 1991
(for students of agriculture - first semester)
- *Mathematics*, 1988 - 1991
(for students of mechanics and irrigation - first and second semesters)

Shanghai Maritime University, College of Information Engineering, Shanghai

- Crashed course in Artificial Intelligence, 26 March till 1st April, 2016, 36 classes

Publications

Author or co-author of 322 research papers (on multi-agent systems, e-learning and web-based learning, intelligent techniques (CBR, data and web mining), implementation of programming languages and tools) and 15 books, Editor of 7 scientific books and 1 monograph.

Enclosed is the list of publications.

Invited Lectures

15. **Ivanović M.**, Radovanović M., Modern machine learning techniques and their applications, Electronics, Communications and Networks IV – Hussain & Ivanovic (eds), 2015 Taylor & Francis Group, London, ISBN: 978-1-138-02830-2 (Proceedings of CECNet 2014 - The 4th International Conference on Electronics, Communications and Networks Dec.12th-15th,2014 Beijing,China), Invited lecture.
14. **Ivanović, M.**, Agreement Technologies and Multi-agent Environments, ICT Innovations 2014, Advances in Intelligent Systems and Computing Volume 311, Springer, 2015, pp 7-16, Invited paper.
13. **Ivanović, M.** and Budimac, Z., Agreement Technologies - Towards Sophisticated Software Agents, Dosam Hwang, Jason J. Jung, Ngoc Thanh Nguyen (Eds.): Computational Collective Intelligence. Technologies and Applications - 6th International Conference, ICCCI 2014, Seoul, Korea, September 24-26, 2014. Proceedings. Springer 2014 Lecture Notes in Computer Science ISBN 978-3-319-11288-6 pp. 1-10, Invited paper.
12. **Ivanović M.**, Budimac Z., Role of Technologies in Future Formal and Informal Education, InfoKomTeh 2014 , International Conference “The new vision of future technologies”, Ljubljana, Slovenia, 17. April 2014, pp. 84-98. ISBN 978-961-93662-0-2.
11. **Ivanović M.**, Budimac Z., **Software Agents: State-of-the-Art and Possible Applications**, Boris Rachev and Angel Smrikarov (Eds.). 2012. *Proceedings of the 13th International Conference on Computer Systems and Technologies*. ACM, New York, NY, USA. Pp. 11-22.
10. **Mirjana Ivanovic**, Maria Ganzha, Marcin Paprzycki, Costin Badica, “Highlights of WASA - Workshop on Applications of Software Agents”, 5th Joint Working Groups Workshops of the Agreement Technologies Cost Action, Session ”Applications of Agreement Technologies”, Barcelona, July 15th, 2011, Invited presentation.
9. InfoKomTeh 2010, October 27th 2010 in Ljubljana, Tehnoloski park, “NEW TRENDS IN EDUCATION - INFLUENCE OF EMERGENT TECHNOLOGIES”, Ivanović M., Budimac Z. Printed in Conference proceedings.
8. Fourteenth East-European Conference on Advances in Databases and Information Systems September 20- 24, 2010, Novi Sad, Serbia, Printed in Conference Proceedings, “**Advances in Databases and Information Systems at University of Novi Sad**”, Ivanović M., Budimac Z., Radovanović M., Škrbić S., Luković I., Milosavljević G.
7. Conference Znalosti 2009, February 4-6, 2009, FIT BUT, Brno, printed in conference proceedings *Applications of Case-Based Reasoning* (co-author with Z. Budimac), pp. 1-12.
6. Second Balkan Conference in Informatics, Ohrid, FYROM, November 17-19, 2005. printed in conference proceedings *Software Engineering Studies - a Step to Virtual University* (co-author with Z. Budimac)
5. I Yugoslav Conference on Teaching Informatics “NARA 2002”, Novi Sad, Yugoslavia, June 2002, printed in conference proceedings, 27-46. *History of the most important programming languages*
4. I Yugoslav Conference on Teaching Informatics “NARA 2002”, Novi Sad, Yugoslavia, June 2002, printed in conference proceedings. *Distance learning - current state of the art and trends* (co-lectured with Putnik, Z.)
3. University "St. Cyril & Methodius", Skopje, Macedonia, December 2001, unpublished *Adaptable Agents - a Step towards Intelligent Agents*
2. Sixth International Colloquium on Numerical Analysis and Computer Science with Applications, Plovdiv, Bulgaria (co-lectured with Budimac, Z. and Szarapka, L.), August 1997, published in *Abstracts of Invited Lectures and Short Communications of VI Int. Colloquium on Numerical Analysis and Computer Science with Applications*, pp. 21, 1997. *Higher Order Functions in Matrix Operations*
1. University "St. Cyril & Methodius", Skopje, Macedonia, September 1993, unpublished, *An Application of a Specialized Language for Information (re)Presentation*

Seminar Lectures

- Summer School in Computational Intelligence and Information Technologies, Niš, Yugoslavia, October 2005., **Financial Prediction using Case-based Reasoning** (co-lectured with Z. Budimac, V. Kurbalija, D. Simic)
- Summer School in Computational Intelligence and Information Technologies, Niš, Yugoslavia, October 2004., **Modern Educational Tools** (co-lecturer with Z. Budimac, Z. Putnik, LJ. Jerinic, B. Vesin)
- Summer School in Computational Intelligence and Information Technologies, Niš, Yugoslavia, October 7-9 2002., **Case-based Reasoning in Action.**
- Specialized Republic Seminar on Teaching Mathematics and Computer Science, Novi Sad, Yugoslavia, January 2002, published in *Abstracts of Invited Lectures.Active Java.*
- XIV Specialized Republic Seminar on Teaching Mathematics and Computer Science, Belgrade, 2000 **Intelligent Agents and Applications**, Seminar Abstracts, Ministry of Education, Republic of Serbia, 2000, pp. 26 (in Serbian).
- Spring School on Programming Languages, Institute of Mathematics, Novi Sad, April 1997 **Object Based Languages**, Lectures of the Spring School, Institute of Mathematics, University of Novi Sad, 1997, pp. 99-114 (in Serbian).
- Mathematical Institute of Serbian Academy of Science, Belgrade, Yugoslavia, November 1994 (co-lectured with Zoran Budimac), **Implementations of Functional Programming Languages**

Other Lectures

- Jishou University, Jishou, Hunan, China, March 22, 2016, “Agreement Technologies - Towards Sophisticated Software Agents”
- University of Tsukuba, Graduate School of Business Sciences, Tokyo, Japan, April 24 and May 4, 2014., Invited visit and invited talk: “Some Contemporary Research Activities at University of Novi Sad – An Overview”
- Griffith University, Gold Coast, Australia, July 2013, “**Some Contemporary Research: Framework for Time Series Analysis, Multidimensional Data and Hubness**”
- School of Information Technology, King Mongkut’s University of Technology Thonburi, Bangkok, Thailand, January 2013, “**Some Contemporary Research Activities at University of Novi Sad – An Overview**”
- JiangXi University of Science and Technology, Ganzhou, China, December 2012
Overview of Research and Agent-oriented Methodology at University of Novi Sad
- Universidad Autónoma Metropolitana UNIDAD Cuajimalpa, División de Ciencias de la Comunicación y Diseño, Jefe del Departamento de Tecnologías de la Información, Mexico City, January 2012
Overview of Research at University of Novi Sad
- Masaryk University, Brno, March 2010
Technology Enhanced Learning
- Humboldt University, Berlin, November, 2003
Two Faces of Agents: intelligent and mobile
- University of Turku, Turku, Finland, October, 2002
On agent-oriented research at the University of Novi Sad
- Hamburg University, Group for Distributed Systems, Hamburg, Germany, November, 2000
Agent-Related Research Topics
- University "P. Hilendarski", Plovdiv, Bulgaria, November, 1990
On Development of an Authoring Language
- Institute of Mathematics of Czechoslovak Academy of Sciences, Prague, ČSFR, March, 1990
Knowledge Representation in Education

Research Contracts/Projects

Principal Investigator

- Bilateral project, University of Novi Sad, Faculty of Sciences, Dept. of Mathematics and Informatics (Novi Sad) and University of Ljubljana, Faculty of Computer and Information Science, “Intelligent computer techniques for improving medical detection, analysis and explanation of human cognition and behavior disorders”, 2016-2017.
- Institutional partnerships (SCOPES), Project no. 160480; Innovative teaching curricula, methods and infrastructures for computer science and software engineering; Principal Investigator dr. Cesare Pautasso, Facoltà di scienze informatiche, Università della Svizzera italiana, Lugano, Switzerland; Principal investigator from Serbia, prof. Mirjana Ivanovic, Faculty of Sciences, University of Novi Sad, duration 2015-2018.
- **ICT COST Action IC1307 - The European Network on Integrating Vision and Language (iV&L Net): Combining Computer Vision and Language Processing For Advanced Search, Retrieval, Annotation and Description of Visual Data, 2014-2018, Representative of Serbia**, Chair of the Action: Dr. Anja Belz, University of Brighton, UK.
- **ICT COST Action IC1205 Computational Social Choice** , 30.11.2012-29.11.2016., **Representative of Serbia**, Chair of the Action: Dr Ulle ENDRISS (NL)
- **COST Action IS1004 WEBDATANET: web-based data-collection - methodological challenges, solutions and implementations. 16.06.2011-15.06.2015, Representative of Serbia**, Chair of the Action: Dr Pablo DE PEDRAZA (ES)
- Bilateral project, Dept. of Mathematics and Informatics (Novi Sad) and Fudna University, Shanghai, China, “Emotional Intelligence and Applications Based on Multi-Agent Systems”, July 2013-July 2015.
- Thematic network project: “Future Education and Training in Computing: How to support learning at anytime anywhere”, Project under LIFELONG LEARNING PROGRAMME, Subprogram ERASMUS, Principal institution Angel Kanchev University of Ruse, Ruse, Bulgaria. Dept. of Mathematics and Informatics (Novi Sad) is one of members of project consortia. 01.10.2013. - 30.09.2016.
- *Adaptive Personalization of Learning Environments*, 2012 – 2013, Joint project of Dept. of Mathematics and Informatics (Novi Sad) and *Faculty of Electrical Engineering and Informatics Technical University of Košice* (Košice, Slovakia).
- Agreement of Multilateral Cooperation “*Framework of application of software engineering techniques in software quality monitoring and improvement*”, University of Novi Sad, Faculty of Sciences, Department of Mathematics and Informatics, University of Maribor, Slovenia; Eötvös Loránd University, Budapest, Hungary; Tampere University of Technology, Pori, Finland 2012.
- *Intelligent Techniques for Data Integration and Decision Support in the Medical Domain*, University of Novi Sad, Faculty of Sciences, Department of Mathematics and Informatics and Humboldt University Berlin, Institute for Informatics, Artificial Intelligence Workgroup, 2011-2012, DAAD Bilateral Project
- Agreement of Multilateral Cooperation “*Technology Enhanced Learning and Software Engineering*” , University of Novi Sad, Faculty of Sciences, Masaryk University, Faculty of Informatics, University of Macedonia, Department of Technology Management, 2011-2014.;
- Agreement of Multilateral Cooperation “*Agents, semantic data processing and applications*” , University of Novi Sad, Faculty of Sciences, University of Craiova, Faculty of Automation, Systems Research Institute, Polish Academy of Sciences, University of Gdansk, 2010-2014.
- *Correlating Images and Words: Enhancing Image Analysis through Machine Learning and Semantic Technologies*, 2010 – 2012, Joint project of Dept. of Mathematics and Informatics (Novi Sad) and Institute "Jožef Štefan" (Ljubljana, Slovenia), project no. 29

- COST Action IC0801 “Agreement Technology”, Member of Management Committee – representative of Serbia, 2008-2012.
- *Joint Master Studies in Software Engineering*, CEI University Network Joint Programme, Bilateral project, University of Novi Sad, Novi Sad, Serbia, University Ss. Cyril and Methodius, Skopje, Macedonia, 2008-2009.
- *eLearning support system with application of data mining and data security*, Bilateral project with University of Maribor, Faculty of Electrical Engineering and Computer Science, Slovenia, 2008-2009.
- *Bridging the digital divide in South Eastern Europe*, Austrian Science and Research Liaison Offices, Ljubljana and Sofia , c/o Zentrum für Soziale Innovation (Project coordinator: Sofia University), 2007-2008.
- *Using artificial intelligence in Text and Web Mining*, 2005-2006, Supported by Ministry of Science and Technologies (Republic of Serbia) as Bilateral project with Slovenia.
- *Development of courses for “Educational software I” and “Educational software II”*, 2003 - 2004., Supported by World University Service - Austria.

Researcher

- Enhancing E-Learning with Advanced Human Computer Interaction Facilities, Principal Investigator from Italia: dr Marco Porta, Dipartimento di Ingegneria Industriale e dell’Informazione, Università di Pavia, Principal investigator from Serbia: dr Aleksandra Klačnja-Milićević, Faculty of Sciences, University of Novi Sad , Bilateral project: 2016 - 2018.
- Culture-Sensitive Aspects in Data Technologies, 2015, Joint project of Dept. of Mathematics and Informatics (Novi Sad) and Faculty of Electronics, Computing and Informatics (Maribor, Slovenia)
- *Software Engineering: Computer Science Education and Research Cooperation*, 2008-2015, joint project of the Institute of Mathematics (Novi Sad, Yugoslavia), Institute of Informatics (Berlin, Germany), Institute of Informatics (Skopje, Macedonia), and Institute of Computer Science (Plovdiv, Bulgaria), supported by DAAD and Stability Pact for South Eastern Europe; researcher
- Intelligent techniques and their integration into wide-spectrum decision support (OI174023), Supported by Ministry of Science, Technologies, and Development (Republic of Serbia), project no. 174023, 2011-2014
- Infrastructure for technology enhanced learning in Serbia (III47003), Supported by Ministry of Science, Technologies, and Development (Republic of Serbia), project no. III47003, 2011-2014
- Towards a better software metrics tool, 2010-2012, Joint project of Dept. of Mathematics and Informatics (Novi Sad) and Faculty of Electronics, Computing and Informatics (Maribor, Slovenia), project no. 27
- CEEPUS II Network “International cooperation in Computer Science”, in cooperation with: Eötvös Loránd University, Budapest; Johannes Kepler University Linz; Klagenfurt University; Paisii Hilendarski University of Plovdiv; University of Szeged; Babeş-Bolyai University Cluj-Napoca; Constantine the Philosopher University in Nitra; Technical University of Košice; Polytechnical Engineering College, Subotica. 2006-2013
- SM_SCM-C024B06-2006 (RS), Network education at Faculties of Science in Serbia (NEFS), Supported by EUROPEAN COMMISSION – TEMPUS, University of Matej Bel, Banská Bystrica (SK), University of Novi Sad, Novi Sad (RS), Lappeenranta University of Technology, Lappeenranta (FI), Universidad de Oviedo, Gijón (ES), University Kragujevac, University of Belgrade, University of Nis.

- *Abstract Mathematical Models and Applications in Computer Science*, 2006-2010, Supported by Ministry of Science and Technologies (Republic of Serbia), project no. 144017; researcher
- *Joint M.Sc. Curriculum in Software Engineering*, CD-JEP-18035-2003., 2004 – 2008, Supported by EUROPEAN COMMISSION - TEMPUS, Consortium members: Humboldt University Berlin, Germany, University of Deusto, Bilbao, Spain, De Montfort University, Leicester, UK
- *Web-based course-supporting and e-learning system for courses in informatics*, , 2006 - 2007. Supported by World University Service - Austria.
- *Development of courses for “Software Project Management”*, 2006 - 2007. Supported by World University Service - Austria.
- *Development of courses for “Methodic of Informatics I” and “Methodic of Informatics II”*, 2003 - 2004. Supported by World Univeristy Service - Austria.
- *Development of (intelligent) techniques based on software agents for application in information retrieval and workflow*, 2002 – 2005, Supported by Ministry of Science and Technologies (Republic of Serbia), project no. 1844; researcher
- *Reverse Engineering and Cooperative Distributed Software Development*, 2000 – 2007; joint project of the Institute of Mathematics (Novi Sad, Yugoslavia), Institute of Informatics (Berlin, Germany), Institute of Informatics (Skopje, Macedonia), and Institute of Computer Science (Plovdiv, Bulgaria), supported by DAAD and Stability Pact for South Eastern Europe; researcher
- *Software agents in Web services and in the Semantic Web*, 2005 – 2007, joint project of the Institute of Mathematics (Novi Sad, Yugoslavia) and Institute of Computer Science (Warsaw, Poland) supported by Polish Academy of Science and Serbian Academy of Sciences and Arts; researcher
- *Multi-Agent Systems and Agent-Oriented Programming*, 1998 – 2001, joint project of the Institute of Mathematics (Novi Sad, Yugoslavia) and Institute of Computer Science (Warsaw, Poland) supported by Polish Academy of Science and Serbian Academy of Sciences and Arts; researcher
- *Distributed Infra-Structure for Workflow*, April 1998 - April 1999, supported by Republic of Serbia, Ministry of Science and "Ergosoft" (the company specialized in producing applicative software); researcher
- *Mathematical Structures with Applications*, 1996 - 2000, supported by Science Fund of Serbia; researcher
- *The Development of Specialized User-Oriented Programming Language for Event Driven Programming*, March 1996 - March 1997, supported by Republic of Serbia, Ministry of Science and "Ergosoft" (the company specialized in producing applicative software); researcher
- *Computing and Artificial Intelligence*, 1993 - 1995, supported by Science Fund of Serbia; researcher
- *Mathematical Structures with Applications*, 1991 - 1995, supported by Science Fund of Serbia; researcher
- *Artificial Intelligence*, 1989 - 1993, supported by Science Fund of Yugoslavia; researcher
- *Computers and Education*, 1988 - 1990, supported by Science Fund of AP Vojvodina and Science Fund of Serbia, researcher
- *Artificial Intelligence*, 1986 - 1991, supported by Science Fund of AP Vojvodina; researcher

Editorship

- ComSIS, an international journal, Belgrade, Serbia.

- member of editorial council.
- ComSIS, an international journal, Belgrade, Serbia.
 - Vice-Editor-in-Chief 2008-2009 (May)
- ComSIS, an international journal, Belgrade, Serbia.
 - Editor-in-Chief 2009 (June)-present
- IDT JOURNAL - <http://content.iospress.com/journals/intelligent-decision-technologies>, IOSPRESS
 - Associated Editor 2014, August –
- Member of Editorial Board of The Annals of Craiova University, Automation, Computers, Electronics, Mechatronics Journal, <http://ace.ucv.ro/analele/index.html>, 2015 - present,
- Member of Editorial Board of INFORMATICS IN EDUCATION, 2016 – present, http://www.mii.lt/informatics_in_education/editors.htm

Events Organized

General/Program Chair of Conferences

- CAiSE Forum 2016, part of CAiSE 2016 – 28th International Conference on Advanced Information Systems Engineering, 13-17 June 2016, Ljubljana, Slovenia, <http://caise2016.si/call-for-papers/caise-forum-2/>, Co-Chair
- ADBIS 2016, 20th East-European Conference on Advances in Databases and Information Systems, August 28 - 31, 2016, Lindner Hotel Prague Castle, Prague, Czech Republic, PC CO-Chair
- WASA 2015 - Workshop on Applications of Software Agents, within The 7th Balkan Conference in Informatics BCI 2015, September 2-4, Craiova, Romania
- WoTEL 2015 - Workshop on TEL - Technology Enhanced Learning, Craiova, Romania, September 2-4, 2015, held in conjunction with the 7th Balkan Conference in Informatics - BCI 2015
- The 1st IEEE International Workshop on Trust and Security in Wireless Sensor Networks held in conjunction with IEEE TrustCom-15, August 20-22, 2015, Helsinki, Finland, <https://research.comnet.aalto.fi/Trustcom2015/trustwsn2015/>
- WASA 2014 - Workshop on Applications of Software Agents, within 4th International Conference on Web Intelligence, Mining and Semantics, WIMS 2014, June 2-4, 2014, Thessaloniki, Greece,
- ADBIS 2014, 18th East-European Conference on Advances in Databases and Information Systems, Ohrid, FYR Macedonia, September 7–10, 2014, PhD Co-Chairs.
- WASA 2013 - 3rd Workshop on Applications of Software Agents, Sinaia, Romania, October 11-13, 2013, Held in conjunction with 17th International Conference on System Theory, Control and Computing, [ICSTCC-2013](http://icstcc-2013.org/)
- WASA 2012 - Workshop on Applications of Software Agents, 18-20 September 2012, Novi Sad, Serbia
- BCI 2012 - 5th Balkan Conference in Informatics, Novi Sad, Serbia, 16-20 September 2012 <http://perun.dmi.rs/bci2012>, General Chair
- Workshop iCompute: Intelligent Computing for Human and Social Behavior Analysis and Collaboration, within International Conference on Web Intelligence, Mining and Semantics (WIMS'12), June 13-15, 2012, Craiova, Romania, <http://software.ucv.ro/Wims12/workshops.html> (co-chair with, David Camacho and Costin Badica)
- WASA 2011 - Workshop on Applications of Software Agents, July 3-5, 2011, Novi Sad, Serbia, <http://ceur-ws.org/Vol-752>, PC Co-Chair
- Fourteenth East-European Conference on Advances in Databases and Information Systems September 20 - 24, 2010, Novi Sad, Serbia, General Chair

Chair of Organizing Committee

- BCI 2012 - 5th Balkan Conference in Informatics, Novi Sad, Serbia, 16-20 September 2012 <http://perun.dmi.rs/bci2012>

- *Symposium in Computer Languages, Implementations, and Tools (SCLIT 2012)*, organized within *International Conference on Numerical Analysis and Applied Mathematics, ICNAAM 2012*, Kos, Greece, September 20-26, 2012. Co-chair with Zoran Budimac and Gordana Rakić
- WASA 2012 - Workshop on Applications of Software Agents, 18-20 September 2012, Novi Sad, Serbia
- *Symposium in Computer Languages, Implementations, and Tools (SCLIT 2011)*, organized within *International Conference on Numerical Analysis and Applied Mathematics, ICNAAM 2011*, Halkidiki, Greece, September 19-25, 2011. Co-chair with Zoran Budimac and Gordana Rakić.
- 15th International Conference on System Theory, Control and Computing: ICSTCC-2011, Special Session on Software Technologies for Intelligent Collaborative Systems: STIX, October 14-16, Sinaia, Romania
- WASA 2011 - Workshop on Applications of Software Agents, July 3-5, 2011, Novi Sad, Serbia
- Workshop of “*Software Engineering: Computer Science Education and Research Cooperation*”, DAAD project, Ivanjica, Serbia, September 2010 (together with Zoran Budimac).
- Workshop of “*Software Engineering: Computer Science Education and Research Cooperation*”, DAAD project, Risan, Montenegro, September 2007 (together with Zoran Budimac).
- *Second National Conference on Teaching Informatics (NARA 2003)*, Novi Sad, 2003.
- *First Yugoslav Conference on Teaching Informatics (NARA 2002)*, Novi Sad, June 6-7, 2002.
- *Third International Conference on Theoretical Aspects of Computer Science "TARA 2000"*, Novi Sad, September 6-7, 2000.
- *Spring School on Programming Languages*, Novi Sad, April 22-24, 1997, Co-Chair (with Zoran Budimac).

Secretary of Organizing Committee

- *Eighth International Conference on Logic and Computer Science "LIRA '97"*, Novi Sad, September 1-4, 1997.
- *Yugoslav Competition in Informatics*, Novi Sad, April 18-19, 1997, Member of Organizing Committee.
- *Seventh Yugoslav Conference on Logic and Computer Science "LIRA '95" with International Participation*, Novi Sad, September 26.-30. 1995.
- *Sixth Yugoslav Conference on Logic and Computer Science "LIRA '92"*, Novi Sad, October 29-31 1992.

Specializations and Short-Term Scholarships

- Shanghai Maritime University, College of Information Engineering, Shanghai, March 26 till April 1, 2016, Invited visit.
- Jishou University, Jishou, Hunan, China, March 20-25, 2016, Invited visit.
- Prince of Songkla University, University in Hat Yai, Thailand, December 2015, 3 weeks, Invited visit.
- University of Tsukuba, Graduate School of Business Sciences, Tokyo, Japan, April 24 and May 4, 2014., Invited visit and invited talk: “Some Contemporary Research Activities at University of Novi Sad – An Overview”
- Strategic one-day Experts Group, HoTEL – Holistic approach to Technology Enhanced Learning, FP 7 project, London, on the 14th of March 2014, Invitation form Brunel University to participate as as a key technology expert.
- School of Information and Communication Technology, Faculty of Science, Environment, Engineering and Technology, Griffith University QLD 4222, Australia, June-July 2013, visiting professor
- School of Information Technology, King Mongkut’s University of Technology Thonburi, Bangkok, Thailand, January 2013, 10 days, Invited visit and invited talk: “Some Contemporary Research Activities at University of Novi Sad – An Overview”
- Short Term Scientific Mission, COST Action IC0801, Systems Research Institute of the Polish Academy of Sciences, Warsaw (Poland), 17-30 Jun, 2012.
- Universidad Autónoma Metropolitana UNIDAD Cuajimalpa, División de Ciencias de la Comunicación y Diseño, Jefe del Departamento de Tecnologías de la Información, Mexico City, January 2012
- Humboldt University, Berlin, Germany, 2006-2012, more then 15 short visits.
- Jaingxi University of Science and Technology, Ganzhou, China, December 2011, 1 week, Invited visit and invited talk: M. Ivanović „Agent-Oriented Technology“
- Masaryk University, Brno, Czech Republic, March 2010, Visiting professor, 1 month.
- Technical University of Košice, Slovakia, Februar 2008.

- University Mateja Bela, Banska Bystrica, Slovakia, January 2008.
- Universidad de Nuovo, Lisbon. Portugal, 2006, 2 weeks
- Several short visits (Humboldt University, Berlin; University of Deusto, Spain; DeMonfort University, Leicester) 2004-2007, TEMPUS project
- Politehnica University Timisoara and Babes-Bolyai University, Cluj-Napoca, Romania; August-September, 2005.
- Jochan Kepler University, Linz, Austria CEEPUS I, 2005, 2 weeks.
- Humboldt University, Berlin, Germany, 2003, two months.
- University of Turku, Turku, Finland, 2002, two weeks.
- University of Klagenfurt, Institute of Computer Science, Klagenfurt, Austria, 2001, one month.
- University of Hamburg, Group for Distributed Systems, Hamburg, Germany, 2000, two months.
- ACM & University of Prague, Summer School on Software engineering, Prague, Czech republic, September 1998, one week.
- ACM & University of Wroclaw, Summer School on Functional and Object-Oriented Programming Languages, Sobótka, Poland, September 1996, one week.
- Institute of Mathematics of Czechoslovak Academy of Sciences, Prague, ČSFR, 1990, 3 months, *Methods of Knowledge Representation*
- University P. Hilendarski, Department of Computer Science, Plovdiv, Bulgaria, 1990, 1 week, *Computer Aided Instruction Software*

Supervisions

- Supervisor of 7 Ph.D. thesis
- Member of the committees of 7 Ph.D. thesis

- Supervisor of 8 MSc theses
- Member of the committee of 14 MSc theses

- Supervisor of more than 100 diploma and Master theses
- Member of the committees of more than 70 diploma theses

Miscellaneous

External examiner for PhD theses

1. Ms Prapassara Pupunwiat, Tag Anti-Collision Resolution for Improved Quality of RFID Data Streams, Griffith University, Griffith University, 170 Kessels Road, Nathan QLD 4111, Australia, October 2011
2. Mr Peter Darcy, Resolving RFID Anomalies using Intelligent Analysis and Classification, Griffith University, 170 Kessels Road, Nathan QLD 4111, Australia, November 2011
3. **VANGEL V. AJANOVSKI, ADAPTIVE AND SOCIAL SELFSTRUCTURING NAVIGATION SYSTEMS IN PUBLIC INFORMATION SYSTEMS**, Faculty of Computer Science and Engineering, "So Cyril and Methodius" University, FYR Macedonia, June 2013.
4. Magdalena Kostoska: Software as a Service Cloud Interoperability, Faculty of Computer Science and Engineering, "So Cyril and Methodius" University, FYR Macedonia, September 2014.

Reviewer for

- ACM Computing Reviews, since 1993.
- International Multi-Conference on Engineering and Technological Innovation: IMETI 2008, June 29th - July 2nd, 2008 – Orlando, Florida, USA.
- Peter Gursky, Rene Pazman, Peter Vojtas, ON SUPPORTING WIDE RANGE OF ATTRIBUTE TYPES FOR TOP-K SEARCH, COMPUTING AND INFORMATICS, SLOVAK ACADEMY OF SCIENCES, May 2008.
- Computer Applications in Engineering Education: Omerović S., Milutinović V., Tomažić S.: A Successful Method for Writing and Presenting Scientific tutorial/Overview Papers, December 2008.
- Information Sciences Journal, Elsevier Publisher: Jose Neves, Antonio Abelha, Cesar Analide, Jose Machado, Evolutionary Intelligence and Quality-of-Service in Healthcare, December 2008.
- Information Sciences Journal, Elsevier Publisher: Ales Wojnar, Irena Mlynkova and Jiri Dokulil, Structural and Semantic Aspects of Similarity of DTDs and XSDs, January 2009.

- Acta Electrotechnica et Informatica, Faculty of Electrical Engineering and Informatics, Technical University Kosice, Paper: "COMPUTATION MODEL FOR REAL-TIME CONTROL SYSTEMS DEVELOPMENT", Doina ZMARANDA, Gianina GABOR, July 2009.
- Journal of Web Semantics, Paper: Automatic Metadata Extraction from Multilingual Enterprise Content to Enable Personalized Information Retrieval
- Manuscript ID EISEJ-2011-0006, "From Principles to Details: Integrated Framework for Architecture Modelling of Large Scale Software Systems" for e-Informatica Software Engineering Journal.
- Manuscript TKDE-2011-05-0269.R1: Supporting flexible, efficient and user-interpretable retrieval of similar time series, Transactions on Knowledge and Data Engineering
- Manuscript: 11-249 (v1) Global and Local Scaling Reduce Hubs in Space, by Dominik Schnitzer Arthur Flexer, Markus Schedl, Gerhard Widmer, Journal of Machine Learning Research, December 2011.
- Manuscript: "Measuring the Stability of Software Systems via Simulation in Dependency Networks", Information Technology And Control Journal, Lithuania, February 2012.
- Manuscript: "AGENT-BASED MODELLING OF E-TEACHING / LEARNING ENVIRONMENT" by RUMEN ANDREEV, VALENTINA TERZIEVA, PETIA KADEMOVA-KATZAROVA, "Scalable Computing: Practice and Experience" journal (<http://www.scepe.org>)
- Pervasive and Mobile Computing Journal, paper: PMC-D-12-00184.
- AI Communications Journal, Manuscript 13-193- "Integrating Argumentation and Sentiment Analysis for Mining Opinions from Twitter."
- Interactive Learning Environments, Manuscript ID NILE-2013-0085, June 2013. <http://www.tandfonline.com/action/aboutThisJournal?journalCode=nile20#Uco7N9hkmIA>
- Journal of Information Technology and Application in Education (JITAE), www.jitae.org, paper JITAE10119: "Optimized Bayesian Network in Extraction Learners' Characteristics in E-Learning", Nafiseh Saberi, Gholam Ali Montazer.
- ACM Computing Reviews for Book: [Manouselis N.](#), [Drachsler H.](#), [Verbert K.](#), [Santos O.](#), Recommender systems for technology enhanced learning : research trends and applications Springer Publishing Company, Incorporated, New York, NY, 2014. 306 pp. Type: Book (978-1-493905-29-4).
- Interactive Learning Environments, Manuscript ID NILE-2014-0199, Supporting Online Teaching Laboratories through Semantic Services, December 2014.
- ACM Computing Reviews for Book: "Social collective intelligence: Combining the Powers of Humans and Machines to Build a Smarter Society" Miorandi D., Maltese V., Rovatsos M., Nijholt A., Stewart J. Springer Publishing Company, Incorporated, 2014, http://www.computingreviews.com/review/review_review.cfm?review_id=143177.
- ACM Computing Reviews for Book: Green in software engineering [Calero C.](#), [Piattini M.](#), Springer Publishing Company, Incorporated, New York, NY, 2015. 327 pp. Type: Book (978-3-319085-80-7), http://www.computingreviews.com/review/review_review.cfm?review_id=143742&CFID=10393165&CFTOKEN=66024717,
- International Journal of Information Technology & Decision Making, <http://www.editorialmanager.com/ijitdm/default.aspx>, Manuscript Number: IJITDM-D-15-00099, FUSE: A fuzzy-semantic framework of personalizing learning-recommendations
- Information Sciences Journal, Manuscript Number: INS-D-15-2409, A Hierarchical Similarity Measure for Time Series Analysis Based on Multi-scale Extrema, November 2015.

Referee for

- international conferences (DEXA 2007; IDC 2007- Romania, Baltic DB&IS 2006, Lithuania; Int. Conf. on Information System Development 2004-2007; ISM 2001-2007, Int. Conf. on Information System Modeling, Brno, Czech Republic; ADBIS 2005, Estonia; 1st, 2nd and 3rd *Balkan Conference in Informatics* (see next section); 1st, 2nd and 3rd *South-East European Workshop on Formal Methods (SEEFM)*; TARA 2000, Third Int. Conf. on Theoretical Aspects on Computer Science, Novi Sad, Yugoslavia; LIRA '97, Eighth Int. Conf. on Logic and Computer Science, Novi Sad, Yugoslavia; ICCI '92, Fourth Int. Conf. on Computing and Information, Toronto, Canada)
- Yugoslav conferences (PRIM 2004, 2000, 98, 96 – XV, XIV, XIII, and XII Conf. on Applied Mathematics, Subotica, Subotica, and Budva, Yugoslavia; LIRA '95, VII Conference on Logic and Computer Science with International Participation, Novi Sad, Yugoslavia; PRIM 95, XI Conf. on Applied Mathematics, Budva, Yugoslavia;)

- three international Yugoslav journals (*Novi Sad Journal of Mathematics*, University of Novi Sad, Novi Sad, Yugoslavia, since 1992; *Matematički vesnik*, Yugoslav Mathematical Society, Belgrade, Yugoslavia, since 1994; *FILOMAT*, University of Niš, Niš, Yugoslavia, since 1995;) and several books in Serbian.

Reviewer for Conferences

- The 4th International Multi-Conference on Engineering and Technological Innovation: IMETI 2011,
- International Conference on Engineering and Meta-Engineering: ICEME 2010, April 6th - 9th, 2010 – Orlando, Florida, USA
- The 3rd International Multi-Conference on Engineering and Technological Innovation: IMETI 2010, June 29th - July 2nd, 2010 – Orlando, Florida, USA.
- IADIS Information Systems 2010 (IS 2010) Conference, Porto, Portugal, 18 to 20 March 2010
- The 3rd International Conference on Knowledge Generation, Communication and Management: KGCM 2009.
- The 1st International Multi-Conference on Engineering and Technological Innovation: IMETI 2009 July 10th - 13th, 2009 – Orlando, Florida, USA.
- The 2nd International Conference on Knowledge Generation, Communication and Management: KGCM 2008, in the context of The 12th World Multi-Conference on Systemics, Cybernetics and Informatics: WMSCI 2008, June 29th - July 2nd, 2008 – Orlando, Florida, USA, <http://www.sciis.org/kgcm2008/>

Member of Program Committees

- ACM SIGSPATIAL 2016 - 24th ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems, October 31 - November 3, 2016 — San Francisco Bay Area, California, USA <http://sigspatial2016.sigspatial.org/>
- SOFSEM-DATA ('Data, Information, and Knowledge Engineering') 2017
- ICWL 2016 - 15th International Conference on Web-based Learning, Rome, Italy, 26-29 October 2016, <http://icwl2016.dis.uniroma1.it/home>
- 17-th International Conference on Computer Systems and Technologies, CompSysTech'16, 23-24 June, 2016, Palermo, Italy
- SCLIT 2016 - 6th Symposium on Computer Languages, Implementations and Tools (<http://perun.pmf.uns.ac.rs/sclit/>), September 19-25, 2016, Rhodes, Greece.
- 7th EAI International Conference on Big Data Technologies and Applications, November 17–18, 2016 | Seoul, South Korea
- Seventh International Conference on eLearning (eLearning-2016 Conference), September 22-23, 2016, Belgrade Metropolitan University, Belgrade, Serbia.
- PALE 2016 - 6th International Workshop on Personalization Approaches in Learning Environments, at the ACM UMAP 2016 Conference (<http://www.um.org/umap2016>), July 13-17th, 2016 in Halifax (Canada).
- ICoTiM 2016 – 2nd International Conference on Information Technologies in Management, Warszawa, Poland, November 24, 2016, <http://icoitim.wsm.warszawa.pl/>
- Software Testing track of ICITCS 2016 (<http://icatse.org/icitcs/>), September 26th-29th, 2016 in Prague, Czech Republic.
- EL 2016 - 10th International Conference on e-Learning, Madeira, Portugal, 1 - 3 July 2016 (<http://www.elearning-conf.org/>), Part of the Multi Conference on Computer Science and Information Systems (MCCSIS 2016), Madeira, Portugal, 1 - 4 July 2016 (<http://www.mccsis.org/>)
- **2016 International Conference on Big Data Analytics, Data Mining and Computational Intelligence, 2 – 4 July 2016, Madeira, Portugal, <http://bigdaci.org/>**
- 16th IEEE International Conference on Advanced Learning Technologies (ICALT 2016, <http://www.ask4research.info/icalt2016/>), APTeL@ICALT2016 - Adaptive and Personalised Technology-Enhanced Learning, July 25-28, 2016, Austin, Texas, USA
- 20th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems, 5-7 Sept 2016 York, UK, <http://kes2016.kesinternational.org/>

- 8th International Conference e-Health 2016, Madeira, Portugal, 1 - 3 July 2016, (<http://www.ehealth-conf.org/>), Part of the Multi Conference on Computer Science and Information Systems (MCCSIS 2016), Madeira, Portugal, 1 - 4 July 2016, (<http://www.mccsis.org>)
- LiquidWS-2016 - 1st International Workshop on Liquid Multi-Device Software for the Web, At the **ICWE'2016 conference** 9.6.2016, In Lugano, Switzerland. <http://www.tut.fi/en/liquidWS-2016/general/>
- The 22nd International Conference on Information and Software Technologies (ICIST 2016), Druskininkai, Lithuania, 13-15 October 2016, <http://icist.if.ktu.lt/index.php/ICIST/index>
- 6th International Conference on Model and Data Engineering (MEDI 2016), Aguadulce, Almería, SPAIN, 21-23 September 2016
- ICSLE 2016 - International Conference on Smart Learning Environments, Tunisia, September 28-30, 2016.
- INISTA 2016 - 2016 International Symposium on INnovations in Intelligent SysTems and Applications, 2-5 August 2016, Sinaia, Romania, <http://www.inista.org/>.
- 4th Workshop on Model Driven Approaches in System Development (MDASD'16), Gdansk, Poland, 11 - 14 September, 2016
- 8th International Conference on Computational Collective Intelligence - ICCCI 2016, 28-30 September, 2016, Halkidiki, Greece, 2016, <http://conferences.cwa.gr/iccci2016/>
- “11th International Conference on Evaluation of Novel Software Approaches to Software Engineering”, ENASE 2016, Rome, Italy, 26-28 April, 2016 (<http://www.enase.org>)
- WEB 2016 - The Fourth International Conference on Building and Exploring Web Based Environments, June 26 - 30, 2016 - Lisbon, Portugal
- The Eighth International Conference on Mobile, Hybrid, and On-line Learning - eLmL 2016, April 24 - 28, 2016 - Venice, Italy
- WIMS'2016 - 6th International Conference on Web Intelligence, Mining and Semantics, June 13-15, 2016 – Nîmes, France, <http://wims2016.mines-ales.fr/#sthash.0u9Kw1MX.dpuf>
- 2016 International Conference on Internet of things and Cloud Computing (ICC 2016) , The Møller Centre-CHURCHILL COLLEGE University of CAMBRIDGE, Cambridge, United Kingdom, 22-23 March 2016. <http://www.icc-conference.org/committees.html>
- OSD 2016: Special Session on Ontology-Based Software Development, within ACIIDS 2016 - 8th Asian Conference on Intelligent Information and Database Systems, Da Nang, Vietnam, 14-16 March 2016: <http://www.aciids.pwr.edu.pl/>
- Baltic DB&IS 2016 -12th International Baltic Conference on DB and IS, July 4-6 2016, in Riga, Latvia.
- 8th Asian Conference on Intelligent Information and Database Systems (ACIIDS 2016), Da Nang, Vietnam, 14-16 March 2016, <http://www.aciids.pwr.edu.pl/>
- Social Network and Media Analysis track (SONAMA) of The 31st ACM/SIGAPP Symposium On Applied Computing, Pisa, Italy, April 4 - 8, 2016
- ACSys 2015 - 12th Workshop on Agents for Complex Systems, in the framework of SYNASC 2015 17th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, Timisoara, Romania September 21 – 24, 2015
- 8th International Workshop on Social and Personal Computing for Web-Supported Learning Communities (SPeL 2015), within 2nd International Conference on Smart Learning Environments (ICSLE 2015), Sinaia, Romania, 23-25 September 2015.
- e-Learning'15 - INTERNATIONAL CONFERENCE ON E-LEARNING, 11-12 September 2015, University of Applied Sciences, Berlin, Germany
- PAAP 2015 - The Seventh International Symposium on Parallel Architectures, Algorithms and Programming, 12-14 Dec 2015, Nanjing, CHINA, <http://paap2015.njupt.edu.cn>
- The Seventh International Symposium on Parallel Architectures, Algorithms and Programming (PAAP 2015), Nanjing, China, during 12-14 December 2015.
- 3rd International Conference on Agreement Technologies, December 17-18, 2015, Athens, Greece
- The 14th International Conference on Web-based Learning - ICWL 2015, November 5-8, 2015, Guangzhou, China
- 14th RoEduNet Conference: Networking in Education and Research NER'2015, 24-26 September 2015, Craiova, Romania. <http://conference.roedu.net/>
- 16-th International Conference on Computer Systems and Technologies, CompSysTech'15, 25-26 June 2015, Dublin, Ireland
- eLearning-2015 - Sixth International Conference on e-Learning, 22-23 September, Belgrade, Serbia

- PALE 2015 - 5th International Workshop on Personalization Approaches in Learning Environments, <http://adenu.ia.uned.es/workshops/pale2015>, in conjunction with the 23rd conference on User Modeling, Adaptation, and Personalization (UMAP 2015), 29th June – 3rd July, Dublin, Ireland
- ICoITiM 2015 - 1st International Conference on Information Technologies in Management, Warszawa, Poland, May 21-22, 2015, <http://itconf.wsm.warszawa.pl/>
- ICIT 2015 - The 7th International Conference on Information Technology, May 12-15, 2015, Al Zaytoonah University, Amman, Jordan
- CSI 2015 - Special Session on Computational Swarm Intelligence, at the 7th International Conference on Computational Collective Intelligence Technologies and Applications (ICCCI 2015), Madrid, Spain, September 21-23, 2015
- SCLIT 2015 - 5th Symposium on Computer Languages, Implementations and Tools (<http://perun.pmf.uns.ac.rs/sclit/>), September 23-29, 2015, Rhodes, Greece.
- SQAMIA 2015 – 4th Software Quality Analysis, Monitoring, Improvement and Applications (<http://2015.sqamia.org/>), June 8-10, 2015, Maribor, Slovenia.
- ICCCI 2015 – 7th International Conference on Computational Collective Intelligence Technologies and Applications, September 21-23, 2015 in Madrid, Spain, <http://antares.sip.ucm.es/iccci2015/index.php>
- 7th International Conference on e-Health 2015 (EH 2015), **21 – 23 July 2015, Las Palmas de Gran Canaria, Spain, <http://ehealth-conf.org/>**
- 7th International Conference ICT Innovations 2015 will be held in Ohrid, FYR Macedonia October 1 – 4, 2015 <http://ictinnovations.org/>
- Infoteh Jahorina 2015, 18. - 20. Mart 2015, Bosnia and Hercegovina
- ICTERI 2015 - 11th International Conference on ICT in Education, Research, and Industrial Applications, May 14-16, 2015, at Lviv, Ukraine. (<http://www.icteri.org/>)
- 9th International Conference on Intelligent Systems and Agents 2015, Las Palmas de Gran Canaria, Spain, 22 - 24 July 2015
- ADBIS'2015 - 19th East-European Conference on Advances in Databases and Information Systems, Poitiers, France, on September 8-11, 2015.
- The 15th IEEE International Conference on Advanced Learning Technologies (ICALT2015), Hualien, Taiwan from 6-9 July 2015.
- The 21st International Conference on Information and Software Technologies (ICIST 2015), Kaunas University of Technology, <http://www.ask4research.info/icalt/2015/>
- IDC'2015 - 9th International Symposium on Intelligent Distributed Computing, 7th-9th October 2015, Guimarães, Portugal, <http://islab.di.uminho.pt/idc2015/>
- ICSLE 2015 - 2nd International Conference on Smart Learning Environments, Sinaia, Romania, September 23-25, 2015. <http://www.ask4research.info/icsle/2015>.
- ICAT'15 -International Conference on Advanced Technology & Sciences, Antalya, Turkey, 4-7 August, 2015. <http://www.icatsconf.org/index.php/ICAT15/ICAT15>
- MEDI 2015 - 5th International Conference on Model & Data Engineering, 26-28 September 2015, Rhodes, Greece. <http://delab.csd.auth.gr/medi2015>
- 10th Workshop on Agent Based Computing: from Model to Implementation (ABC:MI) within FedCSIS'15 conference, Łódź, Poland (September 13-16, 2015); <https://fedcsis.org>
- 7th Balkan Conference in Informatics, **BCI 2015**, September 2-4, 2015, Craiova, Romania
- WEB 2015 - The Third International Conference on Building and Exploring Web Based Environments, May 24 - 29, 2015 - Rome, Italy, <http://www.iaria.org/conferences2015/ComWEB15.html>
- 8th IADIS International Conference Information Systems 2015, 14 - 16 March 2015, Madeira - Portugal (<http://www.is-conf.org/>)
- WIMS 2015 - 5th International Conference on Web Intelligence, Mining and Semantics, June 22-24, 2015 – Larnaca, Cyprus, <http://cyprusconferences.org/wims2015/>
- 7th Asian Conference on Intelligent Information and Database Systems (ACIIDS 2015), Bali, Indonesia, 23-25 March 2015, <http://www.aciids.org>
- The Seventh International Conference on Mobile, Hybrid, and On-line Learning eLmL 2015, February 22 - 27, 2015 - Lisbon, Portugal
- SCLIT 2014 - 4th Symposium on Computer Languages, Implementations and Tools (<http://perun.pmf.uns.ac.rs/sclit/>), September 22-28, 2014, Rhodes, Greece.
- 5th International Conference on eLearning (eLearning-2014) - September, 22-23 June, 2014, Metropolitan University, Belgrade, Serbia.

- The 23rd International Conference on Information Systems Development (ISD2014), University of Zagreb, Faculty of Organization and Informatics, Varazdin, Croatia, September 2-4, 2014.
- SQAMIA 2014 – 3rd Software Quality Analysis, Monitoring, Improvement and Applications (<http://www.riteh.uniri.hr/SQAMIA/2014/>), September 19-22, 2014, Lovran, Croatia.
- *CompSysTech'14* - International Conference On Computer Systems And Technologies, Ruse, Bulgaria on 27-28 June 2014.
- ICWL 2014 - The 13th International Conference on Web-based Learning 13-16 August 2014, Tallinn, Estonia, <http://www.hkws.org/conference/icwl2014/>
- 7th International Workshop on Social and Personal Computing for Web-Supported Learning Communities (SPeL 2014), in conjunction with the 13th International Conference on Web-based Learning (ICWL 2014), Tallinn, Estonia, 13-16 August 2014.
- Fourth International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage - DiPP2014 (<http://dipp2014.math.bas.bg>), 18 – 21 September, 2014, Veliko Tarnovo, Bulgaria.
- The 20th International Conference on Information and Software Technologies (ICIST 2014), Kaunas, Lithuania
- **8th International Conference Intelligent Systems and Agents 2014, 15 – 17 July, Lisbon, Portugal, <http://www.isa-conf.org/>**
- **8th International Conference e-Learning 2014, 15 – 18 July, Lisbon, Portugal, <http://www.elearning-conf.org/>**
- ICCCI 2014 - 6th International Conference on Computational Collective Intelligence Technologies and Applications, September 2014 at Seoul, Korea.
- 3rd Workshop on Model Driven Approaches in System Development (MDASD 2014), URL: <http://www.fedcsis.org/mdasd>
- 6th International Conference ICT Innovations 2014 will be held in Ohrid, FYR Macedonia September 09 – 12, 2014 <http://www.ict-act.org>
- ICALT 2014, Adaptive and Personalized Technology-Enhanced Learning (APTel@ICALT2014), Athens, Greece, July 7-10, 2014. (<http://www.ask4research.info/icalt/2014>)
- SLATE 2014 – 3rd Symposium on Languages, Applications and Technologies, Instituto Politécnico de Bragança, June, 19-20, Spain
- AMSTA-14, the 8th International KES Conference on Agents and Multi-Agent Systems - Technologies and Applications, Chania, Greece, 18 - 20 June 2014
- ADBIS 2014, 18th East-European Conference on Advances in Databases and Information Systems, Ohrid, FYR Macedonia, September 7–10, 2014.
- 8th International Symposium on Intelligent Distributed Computing, IDC 2014, September 3-5, 2014 at Madrid, Spain, Dept. of Informatics of the Autonomous University of Madrid, <http://aida.ii.uam.es/IDC2014/>.
- WASA 2014 - Workshop on Applications of Software Agents, within 4th International Conference on Web Intelligence, Mining and Semantics, WIMS 2014, June 2-4, 2014, Thessaloniki, Greece,
- 4th International Conference on Web Intelligence, Mining and Semantics, WIMS 2014, June 2-4, 2014, Thessaloniki, Greece, Dept. of Informatics (<http://www.csd.auth.gr/en/index.php>), Aristotle University of Thessaloniki (<http://auth.gr/en>)
- **7th International Conference on Information Systems 2014, 28 February – 2 March, Madrid, Spain, 2014, <http://www.is-conf.org/>**
- Baltic DB&IS 2014 -11th International Baltic Conference on DB and IS, June 8-11, 2014, Tallinn, Estonia
- eLmL 2014, The Sixth International Conference on Mobile, Hybrid, and On-line Learning, March 23 - 27, 2014 - Barcelona, Spain, under DigitalWorld 2014 umbrella
- 6th International Symposium on Parallel Architectures, Algorithms and Programming - PAAP2013, Guangzhou, China, December 20-22, 2013
- 6th International Workshop on Social and Personal Computing for Web-Supported Learning Communities *SPeL 2013*, at The 17th International Conference on System Theory, Control and Computing ICSTCC 2013, Sinaia, Romania, 11-13 October 2013
- 12th Conference Znalosti, 13-15 October, 2013, Ostrava, Czech Republic.
- 4th International Conference on eLearning 2013 - September, 26th and 27th, 2013, Metropolitan University, Belgrade, Serbia.
- *CompSysTech'13* - International Conference On Computer Systems And Technologies, Ruse, Bulgaria on 28-29 June 2013.
- The 14th International Conference on Web Information System Engineering - WISE 2013, Nanjing China, October 13-15, 2013, <http://www.wise2013.org>.

- The 19th International Conference on Information and Software Technologies (ICIST 2013), October 10-11, 2013, Kaunas, Lithuania
- 5th ICT Innovations 2013 Conference, 12-15 September, Ohrid, FYR Macedonia
- Second International Conference on Agreement Technologies (AT-2013, Beijing, China on August 1-2, 2013., <http://www.ia.urjc.es/at2013/>)
- 5th KES International Conference on Intelligent Decision Technologies, IDT-2013, Sesimbra, Portugal, 26-28 June 2013, <http://idt-13.kesinternational.org/>
- Workshop on Agent Based Computing: from Model to Implementation IX (ABC:MI), Koblenz, Germany, September 16-20, 2013, <http://ocean.cs.siu.edu/abcmi/>
- ICNAAM 2013 (International Conference of Numerical Analysis and Applied Mathematics), Symposium on Computer Languages, Implementations and Tools, SCLIT 2013, September 21-27, 2013, Rhodes island, Greece, <http://perun.pmf.uns.ac.rs/sclit>.
- IADIS INTERNATIONAL CONFERENCE INTELLIGENT SYSTEMS AND AGENTS 2013, Prague, Czech Republic, 22 - 24 July 2013, (<http://www.isa-conf.org/>)
- SLATE 2013 - 2nd Symposium on Languages, Applications and Technologies, 20 and 21 June, 2013, University of Porto, Portugal, <http://slate-conf.org/2013>
- IADIS INTERNATIONAL CONFERENCE E-LEARNING 2013, Prague, Czech Republic, 23 - 26 July 2013, (<http://www.elearning-conf.org/>) part of the IADIS Multi Conference on Computer Science and Information Systems (MCCSIS 2013), Prague, Czech Republic 22 - 26 July 2013 (<http://www.mccsis.org/>)
- ICWL 2013 - 12th International Conference on Web-based Learning, 6-9 October 2013 in Kaohsiung, Taiwan, <http://icwl2013.tajen.edu.tw/>
- WASA 2013 - Workshop on Applications of Software Agents, within 5th International Conference on Computational Collective Intelligence Technologies and Applications - ICCCI 2013", 11-13 September 2013 in Craiova, Romania. <http://software.ucv.ro/ICCCI2013>
- 5th International Conference on Computational Collective Intelligence Technologies and Applications - ICCCI 2013", 11-13 September 2013 in Craiova, Romania. <http://software.ucv.ro/ICCCI2013>
- BCI 2013 - 6th Balkan Conference in Informatics, 19-21 September 2013, Thessaloniki – Greece, <http://bci2013.bci-conferences.org/>
- 4th Workshop on Advances in Programming Languages (WAPL 2013), Within Federated Computer Science and Information Systems Conference (FedCSIS). Kraków, Poland, September 8-11, 2013
- ADBIS 2013 - 17th East-European Conference on Advances in Databases and Information Systems, <http://adbis2013.disi.unige.it/>, Genova, Italy, on September 1st to 4th, 2013
- IDC 2013, 7th International Symposium on Intelligent Distributed Computing, 4-7 September 2013 in Prague, Czech Republic, <http://www.ksi.mff.cuni.cz/IDC2013/>
- WORKSHOP Intelligent Data Analysis with Applications in Information Retrieval and Machine Learning (IDAIR), KES IIMSS 2013, Sesimbra, Portugal, 26 - 28 June 2013
- IADIS International Conference Information Systems 2013, **13 – 15 March, Lisbon, Portugal**, <http://www.is-conf.org/>
- The First International Conference on Building and Exploring Web Based Environments WEB 2013, January 27 - February 1, 2013 - Seville, Spain
- AMSTA-13, the 7th International Conference on Agents and Multi-Agent Systems - Technologies and Applications, Hue City, Vietnam on 28-30 May 2013, organised by KES International in association with Hue University
- CSS 2012 – Collaboration, Software and Services in Information Society, 8-12 October 2012, Ljubljana, Slovenia.
- 4th ICT Innovations 2012 Conference, 12-15 of September 2012, Ohrid, FYR of Macedonia.
- Third International Conference on e-Learning (eLearning-2012), 27-28 September, Metropolitan University, Belgrade, Serbia
- AT 2012 – The first International Conference on Agreement Technologies, Dubrovnik, Croatia, 15-16 October 2012.
- 11th International Conference on Web-based Learning (ICWL 2012), Sinaia, Romania, 2-4 September 2012.
- *CompSysTech '12* - International Conference On Computer Systems And Technologies, Ruse, Bulgaria on 22-23
- WASA 2012 - Workshop on Applications of Software Agents, within BCI 2012 - 5th Balkan Conference in Informatics, Novi Sad, Serbia, 16-20 September 2012
- CSE'2012 International Scientific Conference on Computer Science and Engineering, Kosice - Stara Lesna, High Tatras, Slovakia, October 3rd-5th, 2012

- The 18th International Conference on Information and Software Technologies (ICIST 2012), September 13th - 14th, 2012, Kaunas, Lithuania
- ICNAAM 2012 (International Conference of Numerical Analysis and Applied Mathematics), Symposium on Computer Languages, Implementations and Tools, SCLIT 2012, September 19 - 25, 2012, Kos island, Halkidiki, Greece
- 5th International Workshop on Social and Personal Computing for Web-Supported Learning Communities (SPeL 2012) and DULP – 3rd Workshop on Design Centered and Personalized Learning in Liquid and Ubiquitous Learning Places, under ICALT 2012 (12th IEEE International Conference on Advanced Learning Technologies), 4-6 July 2012, Rome, Italy (<http://www.scuolaiaad.it/ICALT2012/>)
- CAiSE – Forum '12 - 24th International Conference on Advanced Information Systems Engineering, 25 – 29 June 2012, GDANSK, POLAND
- SLATE 2012 - Symposium on Languages, Applications and Technologies, 21 and 22 June, 2012, University of Minho, Braga, Portugal, <http://slate.di.uminho.pt/>
- IADIS International Conference e-Health 2012, Lisbon, Portugal, 21 - 23 July 2012
- IADIS International Conference Intelligent Systems and Agents 2012, Lisbon, Portugal, 21 - 23 July 2012
- IADIS INTERNATIONAL CONFERENCE E-LEARNING 2012, Lisbon, Portugal, 17 - 20 July 2012
- FEDERATED CONFERENCE ON COMPUTER SCIENCE AND INFORMATION SYSTEMS, Workshop on Agent Based Computing: from Model to Implementation IX (ABC:MI), Wrocław, Poland, 9 - 12 September, 2012
- DIDINFO 2012, 18th National Conference on the Teaching of Informatics, *March 28th – 30th, 2012, Faculty of Natural Sciences UMB, Banská Bystrica*, <http://didinfo.umb.sk>
- 6th International KES Conference on Agents and Multi-agent Systems – Technologies and Applications, Dubrovnik, Croatia, 25-27 June 2012
- SERVICE COMPUTATION 2012, The Fourth International Conferences on Advanced Service Computing, 22-27, 2012 - Nice, France
- ICINCO - 9th International Conference on Informatics in Control, Automation and Robotics, Rome, Italy, 28-31 July 2012, <http://www.icinco.org>
- 6th International Symposium on Intelligent Distributed Computing - IDC 2012, September 24-26, 2012, Calabria, Italy, <http://idc2012.deis.unical.it/>
- 16th East-European Conference on Advances in Databases and Information Systems, ADBIS 2012, Poznan, Poland, September 18th - 23th, 2012.
- BCI 2012 - 5th Balkan Conference in Informatics, Novi Sad, Serbia, 16-20 September 2012 <http://perun.dmi.rs/bci2012>
- The 10th International Baltic Conference on Databases and Information Systems (BalticDB&IS 2012) will be held in Vilnius, Lithuania on July 8-11, 2012.
- WIMS 2012 - International Conference on Web Intelligence, Mining and Semantics, Craiova, Romania, JUNE 13-15, 2012.
- IADIS INTERNATIONAL CONFERENCE INFORMATION SYSTEMS 2012, March 10-12, 2012 - Berlin, Germany, (<http://www.is-conf.org/>)
- 4th International Workshop on Social and Personal Computing for Web-Supported Learning Communities - SPeL 2011, within The 10th International Conference on Web-based Learning (ICWL 2011), 8-10 December 2011, Hong Kong
- CSS 2011 – Collaboration, Software and Services in Information Society, 10-14 October 2011, Ljubljana, Slovenia.
- ICNAAM 2011 (International Conference of Numerical Analysis and Applied Mathematics), Symposium on Computer Languages, Implementations and Tools, SCLIT 2011, September 19 - 25, 2011, Kassandra, Halkidiki, Greece
- 8th workshop on "Agents for Complex Systems (ACSys-2011)", within 13th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC-2011), from September 26 to September 29, 2011, Timisoara, Romania (<http://synasc11.info.uvt.ro>)
- 15th International Conference on System Theory, Control and Computing: ICSTCC-2011, Special Session on Software Technologies for Intelligent Collaborative Systems: STIX, October 14-16, Sinaia, Romania, Program Co-Chair
- WASA 2011 - Workshop on Applications of Software Agents, July 3-5, 2011, Novi Sad, Serbia, Program Chair
- 15th International Conference on System Theory, Control and Computing – ICSTCC 2011, October 14-16, Sinaia, Romania, 2011.

- 5th IFIP TC2 Central and Eastern European Conference on Software Engineering Techniques (CEE-SET'2011), August 25-26, 2011, University of Debrecen, Hungary
- ICT Innovations 2011 Conference, September 14th – 16th, Skopje, FYROM
- **22nd EAEEIE** (European Association for Education in Electrical and Information Engineering) **Annual Conference, Maribor, Slovenia, 13th - 15th June 2011, <http://eaeeie2011.uni-mb.si/>**
- ABC:MI 2011, **Workshop on Agent Based Computing: from Model to Implementation VIII (ABC:MI), Szczecin, Poland, September 19-21, 2011.**
- SERVICE COMPUTATION 2011 - The Third International Conferences on Advanced Service Computing 2011, September 25-30, 2011 - Rome, Italy
- SCLIT 2011 - Symposium on Computer Languages, Implementations and Tools, within **ICNAAM 2011** (International Conference of Numerical Analysis and Applied Mathematics), September 19 - 25, 2011. Halkidiki, Greece
- ICIT'11 - *The 5th International Conference on Information Technology*, MAY 11 – 13, 2011, Amman/Jordan
- 3rd Workshop on Advances in Programming Languages (WAPL 2011), Within Federated Computer Science and Information Systems Conference (FedCSIS). Szczecin, Poland, 19-21 September, 2011.
- *CompSysTech '11* - International Conference On Computer Systems And Technologies, 16-17 June 2011, Vienna University of Technology, Vienna, Austria
- DIDINFO 2011, 17th National Conference on the Teaching of Informatics, *April 7th – 8th, 2011, Faculty of Natural Sciences UMB, Banská Bystrica, <http://didinfo.umb.sk>*
- 15th East-European Conference on Advances in Databases and Information Systems, ADBIS 2011, Vienna, Austria, September 19th - 24th, 2011.
- IADIS INTERNATIONAL CONFERENCE E-HEALTH 2011, Rome, Italy, 20- 22 July 2011
- IADIS INTERNATIONAL CONFERENCE E-LEARNING 2011, Rome, Italy, 20 - 23 July 2011, (<http://www.elearning-conf.org/>)
- IADIS INTERNATIONAL CONFERENCE INTELLIGENT SYSTEMS AND AGENTS 2011, Rome, Italy, 24 - 26 July 2011, (<http://www.isa-conf.org/>)
- IADIS Information Systems 2011 (IS 2011) Conference, March 11-13, 2011 - Avila, Spain, (<http://www.is-conf.org/>)
- ICINCO - 8th International Conference on Informatics in Control, Automation and Robotics, Noordwijkerhout, The Netherlands, 28-31 July, 2011.
- CSS 2010 – Collaboration, Software and Services in Information Society, 11-15 October 2010, Ljubljana, Slovenia.
- 5th International Symposium on Intelligent Distributed Computing -- IDC 2010, 5-7 October 2011 in Delft, The Netherlands.
- "ELEKTRONSKO UČENJE NA PUTU KA DRUŠTVU ZNANJA", Beograd, 7. oktobar 2010.
- ICT Innovations 2010 Conference, September 12th – 15th, Ohrid, FYROM
- 10th Conference Znalosti 2011, Kosice, 31.01.-02.02.2010, Slovakia, Pavol Jozef Šafárik University in Košice, Faculty Of Science
- *CompSysTech '10* - International Conference On Computer Systems And Technologies, 17-18 June 2010 Bulgarian Academy of Sciences - Sofia
- DidInfo 2010 - 16th National Conference on Teaching of Informatics, 8-9.4.2010, Banska Bistrica, Slovakia.
- The Second International Conferences on Advanced Service Computing , SERVICE COMPUTATION 2010, November 21-26, 2010 - Lisbon, Portugal
- ICINCO - 7th International Conference on Informatics in Control, Automation and Robotics, Funchal, Madeira, Portugal, 15-18 June, 2010.
- IADIS International Conference e-Learning 2010 Freiburg, Germany, 26 - 29 July 2010
- IADIS International Conference e-Health 2010 Freiburg, Germany, 26 - 29 July 2010
- 19th International Conference on Information Systems Development (ISD2010), Prague, Czech Republic, August 25 - 27, 2010
- International Conference on Software Engineering Theory and Practice (SETP-10), July 12-14, 2010, Orlando, FL, USA, <http://www.PromoteResearch.org>.
- International Conference on Artificial Intelligence and Pattern Recognition (AIPR-10), July 12-14 2010, Orlando, FL, USA, <http://www.PromoteResearch.org>.
- 4th International Symposium on Intelligent Distributed Computing -- IDC 2010", 16-18 September 2010 in Tangier, Morocco
- Ninth International Baltic Conference on Databases and Information Systems, DBIS 2010, July 5-7, Riga, Latvia
- 9th Conference Znalosti 2010, Jindřichův Hradec, 3-5 February, 2010, Czech.

- 2nd International Conference on Defense of Spam in Electronic Communication - **DoSECo '10**, In conjunction with DEXA '10
- 4th South-Eastern European Workshop on Formal Methods, SEEFM'09, 4-5 December 2009, Thessaloniki, Greece
- CoRTA 2009 - Compilers, Programming Languages, Related Technologies and Applications, Lisbon, Portugal, 11-12 September 2009. <http://inforum.org.pt/INForum2009/sessoes/corta-2009>
- IWESA'09 Second International Workshop on Electronic Systems and Applications, Cairo, Egypt, December 2009. <http://www.ntms-conf.org/iwesa2009/index.htm>
- SERVICE COMPUTATION 2009 - The First International Conferences on Advanced Service Computing, November 15-20, 2009 - Athens, Greece, <http://www.iaria.org/conferences2009/ComSERVICECOMPUTATION09.html>
- 13th East-European Conf. on Advances in Databases and Information systems, ADBIS 09, Riga Technical University, Latvia
- International Conference on Software Engineering Theory and Practice (SETP-09) , July 13-16 2009 in Orlando, FL, USA, <http://www.PromoteResearch.org>.
- International Conference on Artificial Intelligence and Pattern Recognition (AIPR-09), July 13-16 2009 in Orlando, FL, USA, <http://www.PromoteResearch.org>.
- ICIT'09, The 4th International Conference on Information Technology, JUNE 3rd – 5th , 2009, Amman/Jordan, <http://www.alzaytoonah.edu.jo/ICIT>
- 4th Balkan Conference in Informatics, BCI '09, 17-19 September, 2009, Thessaloniki, Greece, <http://www.bci-conferences.org/bci09>
- 18th International Conference on Information Systems Development (ISD2009), Nanchang, China, September 16-19, 2009, <http://sit.jxufe.edu.cn/isd2009/>
- 2nd Workshop on Advances in Programming Languages (WAPL'09), October 12-14, 2009, Mragowo, Poland
- IADIS International Conference e-Health 2009, Algarve, Portugal, 21 - 23 June 2009. <http://www.ehealth-conf.org/>
- INFORMATION SOCIETY 2009, Collaboration, software and services in information society, October 12th – 16th, 2009, Ljubljana, Slovenija.
- IADIS International Conference e-Learning 2009, Algarve, Portugal, 17 - 20 June 2009.
- 3rd International Symposium on Intelligent Distributed Computing -- IDC 2009" forthcoming on 12-14 September 2009 in Ayia Napa, Cyprus. The Web page presenting this event is: <http://www.idc2009.cs.ucy.ac.cy>
- DIDINFO 2009, 15th International Conference on Teaching of Informatics, March 25th - 27th, 2009, Banská Bystrica, Slovakia
- Conference Znalosti 2009, February 4-6, 2009, Faculty of Information Technology, BUT, Brno.
- 1st International Conference on Defense of Spam in Electronic Communication - DoSECo '09, In conjunction with DEXA '09
- MDSE 08 - Model-Driven Software Engineering, Berlin, (Co-Chair) 11-12 December, http://www.sig-mdse.org/web/cms/workshops/20081211_berlin/programmkomitee.html
- CSE'2008 – 8th International Scientific Conference on Computer Science and Engineering, September 24–26th 2008, High Tatras, Slovakia, <http://eci.kpi.fei.tuke.sk/?q=node/5>
 - ICINCO 2008, 5th International Conference on Informatics in Control, Automation and Robotics, Funchal, Madeira, Portugal, 11-15 May 2008, <http://www.icinco.org/index.htm>.
- 17th International Conference on Information Systems Development (ISD2008), Paphos, Cyprus, August 25-27, 2008, <http://isd2008.cs.ucy.ac.cy/committee.html>.
- "2nd International Symposium on Intelligent Distributed Computing - IDC2008", 18-20 September 2008, in Catania, Italy. <http://idc08.diit.unict.it/>
- 8th Int. Baltic Conf. On Databases and Information systems, Estonia, 2008, June 2-5, 2008, Tallinn, Estonia, <http://www.cs.ioc.ee/balt2008/index.php?page=org>.
- 2008 International Conference on Artificial Intelligence and Pattern Recognition (AIPR-08), Orlando, USA, <http://www.promotersearch.org/2008/aipr/index.html>.
- Conference DidInfo 2008, 14th annual conference DidInfo, April 3rd and 4th , 2008, Banská Bystrica, Slovak Republic, <http://virtual.fpv.umb.sk/didinfo/view.php?cislocianku=2007120101>.
- IADIS INTERNATIONAL CONFERENCE INFORMATION SYSTEMS 2008, April 9-11, 2008 – ALGARVE, PORTUGAL, <http://www.is-conf.org/>

- *IADIS Multi Conference on Computer Science and Information Systems 2008 - "e-LEARNING – eL2008"*, Amsterdam, Holland, 22 – 27 July 2008, <http://www.mccsis.org/>.
- *IADIS Multi Conference on Computer Science and Information Systems 2008 - "Intelligent Systems and Agents - ISA2008"*, Amsterdam, Holland, 22 – 27 July 2008, <http://www.mccsis.org/>.
- 3rd Balkan Conference in Informatics – 2007, Sofia, Bulgaria, 2007.
- 3rd South-East European Workshop on Formal Methods (SEEFM), 2007, Thessaloniki, Greece,
- *International Conference on Information Systems Development (ISD2007)*, Galway, Ireland
- *International Symposium on Intelligent and Distributed Computing – IDC'2007*, October 18-20, 2007, Craiova, Romania.
- *IADIS International Conference, Intelligent Systems and Agents, Lisbon, Portugal, 2007.*
- *IADIS Multi Conference on Computer Science and Information Systems 2007 - "e-LEARNING – eL2007"*, Portugal, 2007.
- 10th *Int. Conf. On information system implementation and modeling, ISIM 07, Czech Republic, 2007.*
- *Int. Conference on Artificial Intelligence and Pattern Recognition (AIPR-07)*, Orlando, FL, USA
- 18th *International Conference on Database and Expert Systems Application, DEXA 2007, Germany, 2007* • 7th *Int. Baltic Conf. On Databases and Information systems*, Lithuania, 2006.
- 9th *Int. Conf. On information system implementation and modeling, ISIM 06, Czech Republic, 2006.*
- *International Conference on Information Systems Development (ISD2006)*, Budapest, Hungary
- 9th *East-European Conf. on Advances in Databases and Information system, ADBIS 05, Estonia, 2005.*
- 2nd *Balkan Conference in Informatics – 2005*, Ohrid, Macedonia, November 17-19, 2005.
- 2st *South-East European Workshop on Formal Methods (SEEFM)*, 2005, Ohrid, Macedonia, November 17-19.
- 8th *Int. Conf. On information system implementation and modeling*, Czech Republic, ISIM 05, 2005.
- 14th *Int. Conf. on Information System Development*, Karstad, Sweden, 2005.
- 13th *Int. Conf. on information system development*, Lithuania, 2004.
- 7th *Int. Conf. On information system implementation and modeling, ISIM 04, Czech Republic, 2004.*
- *Second National Conference on Teaching Informatics (NARA 2003)*, Novi Sad, 2003, chair.
- 6th *Int. Conf. On information system implementation and modeling*, Czech Republic, 2003.
- *First Balkan Conference on Informatics*, Thessaloniki, Greece, November 2003.
- *First South-East European Workshop on Formal Methods (SEEFM)*, , Thessaloniki, Greece, November 2003.
- *First Yugoslav Conference on Teaching Informatics (NARA 2002)*, Novi Sad, June 6-7, 2002, chair.
- *Conference on research on Multi-Agent Systems in Eastern Europe "CEEMAS '99"*, Sankt Petersburg, Russia, 1999, member.
- *Third International Conference on Theoretical Aspects of Computer Science "TARA 2000"*, Novi Sad, September 6-7, 2000, member.
- *Eighth International Conference on Logic and Computer Science "LIRA '97"*, Novi Sad, September 1-4, 1997, member.
- *Seventh Yugoslav Conference on Logic and Computer Science "LIRA '95" with International Participation*, Novi Sad, September 26-31 1995, member.
- *Sixth Yugoslav Conference on Logic and Computer Science "LIRA '92"*, Novi Sad, 1995, member.

Member of Steering Committees

- *ADBIS - Advances in Databases and Information Systems for Central and South East Europe*, since 2000.
- *BCI – Balkan Conference in Informatics*, since 2003.
- *STEERING SCIENTIFIC COMMITTEE MEMBER of 3rd World Summit on the Knowledge Society (WSKS 2010)*, Corfu, Greece, September, 22-24, 2010

Member of

- Scientific Board of Republic Center for Talents, Belgrade, 1999.
- Matica Srpska, since 1995.
- Lexicographical and Bio-Bibliographical Committee of "Matica Srpska", Novi Sad, since 1995.

Professional Society Memberships

- *EAPLS (European Association of Programming Languages and Systems)*, since 1997.
- *ACM (Association of Computing Machinery)*, since 1988.

Programming Languages used for Teaching/Research

Java, Oberon-2, Modula-2, Pascal, LISP, PROLOG, major functional programming languages.

Practical Experience in Operating Systems and Hardware Architectures

- Personal Computers & Windows 95, Windows NT, Unix, MS-DOS
- Micro Computers & CP/M
- micro VAX II & VAX/VMS

Experience in Developing of Commercial Packages

- *Payroll, Accounting, General Ledger ...*, for a number of institutions, 1985-1992.
- *Information System for Science Funds and References*, for science fund of autonomous province of Vojvodina, 1991-1992.
- *Authoring System "OSOF"*, for Ministry of Education of AP Vojvodina, 1990.
- *Support for Biographic Glossary*, for Documentation Center of "Sterijino Pozorje" (Yugoslav Theater Museum), 1988 and Documentation Center of "Matica Srpska" (Historical Cultural Institution of Serbs), 1992, 1994.
- *Package for Statistics of Sport Events*, for Television of Novi Sad, 1988.
- *Support for Basketball Contests*, for European junior basketball championship held in Yugoslavia, 1988.
- *(a part of) Hotel Information System*, for a number of hotels in Novi Sad, 1986-87.
- *Tourist Office Information System*, for a number of tourist offices and organizations, 1986-87.

List of Publications

Dr. Mirjana Ivanović

(May 23, 2016)

Introductions to special sessions/issues of Journals

1. Costin Badica, Mirjana Ivanovic: Introduction to the Special Issue on Modeling and Simulation Applications of Software Agents. Scalable Computing: Practice and Experience 15(3) (2014), ISSN 1895-1767
2. Fei Yu, Chin-Chen Chang, Muhammad Khurram Khan, Tianjie Cao and Mirjana Ivanovic, Special issue "Recent Advances in Information Security" of The Scientific World Journal, vol. 2014, Article ID 562492, 4 pages, 2014. doi:10.1155/2014/562492, <http://www.hindawi.com/journals/tswj/2014/562492/>

Research Papers

I Research Papers published in International Journals

67. Aleksić V., **Ivanović M.**, Psychometric evaluation of the reliability of IPVIS-OS multiple intelligences assessment instrument for early adolescents, Journal of Educational Sciences & Psychology, Vol. VI (LXVIII), No. 1/2016, which will be issued in April 2016. <http://jesp.upg-ploiesti.ro/> ISSN 2247-6377, ISSN (online) 2247 – 8558
66. Mandić M., Konjović Z., **Ivanović M.**, Platform for Computer-aided Harmonization of Informatics Curricula, Acta Polytechnica Hungarica, ISSN 1785-8860, Volume 13, Issue Number 3, 2016, pp. 159-179
65. **Ivanović M.**, Budimac Z., Radovanović M., Kurbalija V., Dai W., Bădică C., Colhon M., Ninković S., Mitrović D.: Emotional Agents – State of the Art and Applications. Computer Science and Information Systems Vol 12, No. 4, pp. 1121-1148, 2015., DOI: [10.2298/CSIS141026047I](https://doi.org/10.2298/CSIS141026047I)
64. Zhou X., Dai G., Huang S., Sun X., Hu F., Hu H., **Ivanović M.**, CyberPsychological Computation on Social Community of Ubiquitous Learning, Computational Intelligence and Neuroscience, vol. 2015, Article ID 812650, 7 pages, 812650:1-812650:7 (2015). doi:10.1155/2015/812650, <http://www.hindawi.com/journals/cin/aa/812650/>.
63. Klačnja-Milićević A., **Ivanović M.**, Nanopoulos A., Recommender systems in e-learning environments: a survey of the state-of-the-art and possible extensions, **Artificial Intelligence Review**, Vol. 44., No. 4, pp. 571-604 (2015), (DOI) 10.1007/S10462-015-9440-Z, <http://link.springer.com/article/10.1007/s10462-015-9440-z>
62. Geler Z., Kurbalija V., Radovanović M., and **Ivanović M.**, Comparison of different weighting schemes for the kNN classifier on time-series data, Knowledge and Information Systems (KAIS) Journal, Springer, in print, DOI 10.1007/s10115-015-0881-0.
61. S. Huang, X. Zhou, K. Xue, X. Wan, Z. Yang, D. Xu, **M. Ivanović**, X. Yu: Neural Cognition and Affective Computing on Cyber Language, Computational Intelligence and Neuroscience, Volume 2015 (2015), Article ID 749326, 10 pages - 749326:1-749326:10. <http://dx.doi.org/10.1155/2015/749326>
60. **M. Ivanović**, Budimac Z.: Agreements Technologies - Towards Sophisticated Software Agents in Multi-agent Environments. T. Computational Collective Intelligence Vol. 18, pp. 105-126 (2015)
59. Radovanović M., Nanopoulos A., **Ivanović M.**: Reverse Nearest Neighbors in Unsupervised Distance-Based Outlier Detection. IEEE Trans. Knowl. Data Eng. 27(5): 1369-1382 (2015)

58. **Ivanović M.**, Mitrović D., Budimac Z., Jerinić L., Bădică C., HAPA: Harvester and Pedagogical Agents in E-learning Environments, *International Journal of Computers Communications & Control*, Volume 10, Issue 2, April, 2015, pp. 200-210. ISSN 1841-9836

57. Dai W. H., Huang S., Zhou X., Yu X. E., **Ivanović M.**, Xu D. R., "Emotional Intelligence System for Ubiquitous Smart Foreign Language Education Based on Neural Mechanism," *Journal of Information Technology Applications and Management*, Vol.21, No.3, pp.65-77, 2014, <http://www.dbpia.co.kr/Journal/ArticleList/159833>.

56. **Ivanović M.**, Radovanović M., Current Trends in Computer Science and Information Systems, *COMPUTER SCIENCE AND INFORMATION SYSTEMS* 2014 11 (2):I-V

55. Stephanie Steinmetz, Ana Slavec, Kea Tijdens, Ulf-Dietrich Reips, Pablo de Pedraza, Andreas Birgegard, Annamaria Bianchi, Ariel Ayalon, Arto Selkala, Bernardo (Dov) Winer, Boris Mlacic, Carl Vogel, Dag Gravem, Daniel Gayo Avello, Daniela Constantin, Daniele Toninelli, David Troitino, Dora Horvath, Edith De Leeuw, Ela Oren, Enrique Fernandez-Macias, Fanny Thorsdottir, Félix Ortega, Frederik Funke, Gian Marco Campagnolo, Goran Milas, Grünwald, Clemens, Gudbjorg Jonsdottir, Gustav Haraldsen, Guy Doron, Helen Margetts, Igor Miklousic, Ioannis Andreadis, Jernej Berzelak, Julijana Angelovska, Karin Schrittwieser, Kathrin Kissau, Katja Lozar Manfreda, Kirstine Kolsrud, Knut Kalgraff Skjak, Konstantinos Tsagarakis, Lars Kaczmirek, Laurent Lesnard, Liliana Mihaela Moga, Luis Lopes Teixeira, Marc Plate, Marcin Kozak, Marek Fuchs, Mario Callegaro, Marta Cantijoch, Martin Kahanec, Mateusz Stopa, Michele Ernst Staehli, Mihaela Neculita, **Mirjana Ivanovic**, Muriel Foulonneau, Naoufel Cheikhrouhou, Nicoletta Fornara, Niels Ole Finnemann, Nino Zajc, Nora Nyirå, Panayiotis Louca, Paulien Osse, Petroula Mavrikiou, Rachel Gibson, Ravi Vatrapu, Reuven Dar, Robert Pinter, Rocio Martinez Torres, Salima Douhou, Silvia Biffignandi, Solza Grceva, Sophie David, Suvi Ronkainen, Tamas Csordas, Timo Lenzner, Vaka Vesteinsdottir, Vasja Vehovar, Yavor Markov, Innovation and quality in web-based data collection, *International Journal of Internet Science*, 2014, 9 (1), pp. 64-71.

54. Kurbalija, V., Radovanović M., **Ivanović M.**, Schmidt D., Lindemann G., Burkhard H.D., Hinrichs C., Time-Series Analysis in the Medical Domain: A Study of Tacrolimus Administration and Influence on Kidney Graft Function, *Computers in Biology and Medicine*, Volume 50, 1 July 2014, pp. 19–31.

53. Savić M., Rakić, G., Budimac, Z., **Ivanović M.**, "A language-independent approach to the extraction of dependencies between source code entities", *Information and Software Technology*, Volume 56, Issue 10, October 2014, pages 1268–1288, DOI 10.1016/j.infsof.2014.04.011

52. Savić M., **Ivanović M.**, Radovanović M., Ognjanović Z., Pejović A., Jakšić Krüger T., "The structure and evolution of scientific collaboration in Serbian mathematical journals", *Scientometrics* Volume 101, Issue 3, December 2014, pp. 1805-1830, DOI: 10.1007/s11192-014-1295-6.

51. **Ivanović M.**, Budimac Z., An Overview of Ontologies and Data Resources in Medical Domains, *Expert Systems with Applications*, *Expert Systems With Applications* 41/11, September 2014, pp. 5158-5166
DOI 10.1016/j.eswa.2014.02.045.

50. Budimac Z., Putnik Z., **Ivanović M.**, Bothe K., Zdravkova K., Jakimovski B., Multi-Country Experience in delivering a Joint Course on Software Engineering – Numerical Results, *The International Review of Research in Open and Distance Learning* Vol. 15, No. 1, Febr. 2014, pp. 84-110.

49. Mitrović D., **Ivanović M.**, Budimac Z., Vidaković M., Radigost: Interoperable web-based multi-agent platform, *Journal of Systems and Software*, 90:167-178, April 2014, DOI: 10.1016/j.jss.2013.12.029.

48. Mitrović D., **Ivanović M.**, Geler Z., Agent-Based Distributed Computing for Dynamic Networks, *INFORMATION TECHNOLOGY AND CONTROL*, 2014, T. 43, Nr. 1, pp. 88-97, ISSN 1392–124X (print), ISSN 2335–884X (online)

47. Kurbalija V., Radovanović M., Geler Z. and **Ivanović M.**, The influence of global constraints on similarity measures, *Knowledge-Based Systems*, Volume 56, January 2014, pp. 49–67, DOI: 10.1016/j.knosys.2013.10.021, <http://www.sciencedirect.com/science/article/pii/S095070511300347X>
46. Tomašev N, Radovanović M., Mladenčić D., **Ivanović M.**, The Role of Hubness in Clustering High-Dimensional Data, *IEEE Transactions on Knowledge and Data Engineering* Vol. 26, No. 3, pp. 739-751 (2014)
45. Tomašev N, Radovanović M., Mladenčić D., **Ivanović M.**, Hubness-based fuzzy measures for high-dimensional k -nearest neighbor classification, *International Journal of Machine Learning and Cybernetics*, 5(3):445–458, 2014, DOI 10.1007/s13042-012-0137-1
44. Kurbalija V., Bernstorff C., Nachtwei J., **Ivanović M.**, Burkhard H.D., Matching observed with empirical reality - What you see is what you get?, *Fundamenta Informaticae Journal* 129 (2014) 133–147, IOS Press, DOI 10.3233/FI-2013-965
43. **Ivanović M.**, Budimac Z., Mishev A., Bothe K., Jurca I., Java across Different Curricula, Courses and Countries Using a Common Pool of Teaching Material, *Informatics in Education Journal*, Vol. 12, No. 2, 2013, pp. 153-179, ISSN 1648-5831
42. **Ivanović M.**, **Mitrović D.**, and **Radovanović M.**: (2013) Elective Course OOP II: Creation and Experiences. *Innovation in Teaching and Learning in Information and Computer Sciences* 12(1), 62-69. DOI: 10.11120/ital.2013.00003
41. Vesin, B., **Ivanović, M.**, Klačnja-Milićević, A., Budimac, Z.: Ontology-Based Architecture with Recommendation Strategy in Java Tutoring System. *Computer Science and Information Systems Journal*, Vol. 10, No. 1, 237-261. (2013)
40. **Ivanović M.**, Putnik Z., Komlenov Ž., Welzer T., Hölbl M, Schweighofer T., Usability and Privacy Aspects of Moodle: Students' and Teachers' Perspective, *Informatica - An International Journal of Computing and Informatics*, Volume 37, Number Volume 37, Number 3, 2013, pp. 221-230. ISSN: 0350-5596.
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Dr. Mirjana Ivanović

(May 23, 2016)

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