

## Curriculum Vitae

### **Dr Mihal Badonski**



#### **Personal data**

Name Mihal Badonski  
E-Mail mihal.badonski@googlemail.com  
Date of birth 16.08.1971  
Marital status married, two children

#### **Languages**

English (fluent)  
German (fluent)  
Slovak (Mother tongue)  
Serbian-Croatian (fluent)

#### **Certificate**

Sun Certified Programmer for Java 2 Platform

#### **Projects**

Since 01.11.2007

##### **Configuration Management und Deployment:**

Consulting and support during configuration and deployment of Java J2EE applications. Consultant in new projects regarding architecture, configuration and deployment of software components.

Projects: Cosmos, SOP, KFPK, eTop, CoTAX, POS...  
Deutsche Bank, Eschborn.

Software:

BEA-WebLogic 8.1/10.3 J2EE Server, Tomcat 4, Together 6.1,  
CM Synergy, Eclipse, Oracle 9i, Spring, Axis, JUnit, Ant,  
Maven, Struts, Hibernate, TOAD.

02.05.2006 – 31.10.2007

##### **J2EE Architect:**

Analysis and design of J2EE architectures in bank projects, code review, quality assurance, SOA architectures, web services, web service security, development of various prototypes.

Projects: Cosmos, SOP, Topimmo, DVAG access, MIFID.

Deutsche Bank, Eschborn.

Software:

BEA-WebLogic 8.1 J2EE Server, Tomcat 4, Together 6.1, CM Synergy, Eclipse, Oracle 9i, Axis, JUnit, Struts, Hibernate, TOAD.

01.09.2005 – 10.03.2006

**Security Project:**

Checking security in BEA-WebLogic 8.1 Servers, in Apache 1.3.x HTTP Servers, and in MQ Series.

IBM Business Services, Frankfurt am Main.

Software:

BEA-WebLogic 8.1 J2EE Server, Apache 1.3.x HTTP Server, MQSeries, Sun Solaris, Linux, Perl.

18.07.2005 – 31.08.2005

**Software architect, designer, and developer in project:**

MARS Release 1.3.

Intranet J2EE application for the administration of statistical data about all IT-projects in Commerzbank.

Commerzbank, Frankfurt am Main.

Software:

IBM WebSphere Studio Application Developer 5.1, IBM WebSphere 5, Oracle DBMS 9, Apache Struts 1.1, Commerzbank Java Framework.

31.01.2005 – 15.07.2005

**Technical project manager, software architect, designer, and developer in project:**

ZVK2005.

Intranet J2EE 3-tier application that manages single and multiple payments and provides various payment statistics. The application uses HBCI for the direct bank access.

Deutsches Institut für Jugendhilfe & Familienrecht, Heidelberg.

Software:

IBM WebSphere Studio Application Developer 5.1, Tomcat 4.1.31, J2SDK 1.4.2\_08, Firebird 1.5.2 DBMS, Apache Struts 1.1, HBCI4Java.

10.01.2005 – 28.01.2005

**Technical project manager, software architect, designer, and developer in project:**

MARSObserver

Standalone Java application that monitors the accessibility of:

- Web server
- J2EE Websphere Server
- Mail Server

- Oracle Database.

IBM WebSphere Studio Application Developer 5.1, IBM WebSphere 5, Oracle DBMS 9, Java Mail API, JDBC, Network Programming in Java, Swing.

19.07.2004 – 01.10.2004

**Technical project manager, software architect, designer, and developer in project:**

MARS (former ToA– Table of Applications) Release 1.1.

Intranet J2EE application for the administration of statistical data about all IT-projects in Commerzbank.

Commerzbank, Frankfurt am Main.

Software:

IBM WebSphere Studio Application Developer 5.1, IBM WebSphere 5, Oracle DBMS 9, Apache Struts 1.1, Commerzbank Java Framework.

27.10.2003 – 01.04.2004

**Technical project manager, software architect, designer, and developer in project:**

ToA – Table of Applications. Intranet J2EE application for the administration of statistical data about all IT-projects in Commerzbank.

Commerzbank, Frankfurt am Main.

Software:

IBM WebSphere Studio Application Developer 5.0, IBM WebSphere 5.0, Oracle DBMS 9, Apache Struts 1.1, Commerzbank Java Framework.

01.06.2003 – 26.09.2003

**Designer and developer in project:**

COFOS – Commerzbank Fond Platform. Intranet and Internet J2EE application for online fond trading.

Commerzbank, Frankfurt am Main.

Software:

IBM WebSphere Studio Application Developer 5.0, IBM WebSphere 4.0, DB 2 v 7.2, Apache Struts 1.1, Commerzbank Java Framework.

02.12.2002 – 30.04.2003

**Technical project manager, software architect, designer, and developer in project:**

MigSync – Data migration and the synchronization of two productive databases. The legacy Internet application (VLZ) uses Access 97 database. The new Internet application (LOMIG) uses Oracle 8.1 database. Data in two databases are synchronized at run-time without stopping the applications.

Software:

Java 1.4.1, JDBC, Oracle DBMS 8.1, ODBC, MS Access 97, Eclipse, ant.

08.04.2002 – 29.11.2002

**Technical project manager, software architect, designer, and developer in project:**

LOMIG – A Java enterprise application for online course registration and administration. Employees of the Dresdner Bank and Allianz access this application in their intranet.

Frankfurt am Main.

Software:

IBM WebSphere 4.0, J2EE, EJB, Servlets, JSP, Struts 1.1, Oracle DBMS 8.1, Java JDK 1.3, IBM WebSphere Studio Application Developer 4.0.

06.12.2001

**Consulting:**

Resolving an architectural problem in one Java RMI Application. Dresdner Bank, Frankfurt am Main.

16.08.2001 – 17.08.2001

**Consulting and support:**

Weblogic cluster installation and configuration.

Installation and configuration of a Weblogic 5.1 cluster with two application server instances at Mobilkom Austria AG.

Hardware/Software:

Server Sun/E10K/ with Solaris 2.6/Weblogic 5.1/iPlanet 4.1

04.06.2001 – 03.08.2001.

**Developer and deployer in project:**

Implementation of a Java server-side component for the generation of CSV (Excel) and PDF files from HTML pages.

Dresdner Bank, Frankfurt am Main.

Hardware/Software:

Solaris with Sun Enterprise 10000 Hardware, BEA WebLogic cluster with two application server instances, J2EE, EJBs, JSPs, Servlets, Style Report.

15.01.2001 – 18.05.2001

**Designer in project:**

Architecture for a transactional-banking portal,

Dresdner Bank, Frankfurt am Main.

Security concepts for the portal are analyzed and defined.

Legacy host systems and new internet application are accessed through the portal.

Hardware/Software:

Solaris with Sun Enterprise 10000 Hardware, BEA WebLogic cluster with two application server instances, J2EE, UML Generation, TogetherJ Control Center.

**Conducted Courses**

21.03.2006 – 24.03.2006

**Course instructor:**

Database Programming in Java (*in German*),  
Dresdner Bank, Frankfurt am Main

13.03.2006 – 17.03.2006

**Course instructor:**  
Java Programming Part 1 (*in German*),  
Commerzbank, Frankfurt am Main

11.07.2005 – 14.07.2005

**Course instructor:**  
Java Struts (*in German*),  
Commerzbank, Frankfurt am Main

06.07.2005 – 08.07.2005

**Course instructor:**  
WSAD – WebSphere Studio Application Developer 5.1 (*in German*),  
Dresdner Bank, Frankfurt am Main

09.05.2005 – 13.05.2005

**Course instructor:**  
GUI-Programming with Swing (*in German*),  
Dresdner Bank, Frankfurt am Main

28.02.2005 – 04.03.2005

**Course instructor:**  
Distributed Java Programming Techniques (*in German*),  
Dresdner Bank, Frankfurt am Main

01.02.2005 – 04.02.2005

**Course instructor:**  
J2EE with IBM WebSphere 5 (*in German*),  
Dresdner Bank, Frankfurt am Main

20.01.2005

**Course co-instructor:**  
IBM WebSphere 5 Administration (*in German*),  
Dresdner Bank, Frankfurt am Main

11.01.2005 – 14.01.2005

**Course instructor:**  
J2EE with IBM WebSphere 5 (*in German*),  
Dresdner Bank, Frankfurt am Main

13.12.2004 – 16.12.2004

**Course instructor:**  
J2EE with IBM WebSphere 5 (*in German*),  
Dresdner Bank, Frankfurt am Main

22.11.2004 – 26.11.2004

**Course instructor:**

Distributed Java Programming Techniques (*in German*),  
Dresdner Bank, Frankfurt am Main

09.11.2004 – 12.11.2004

**Course instructor:**

Database Programming in Java (*in German*),  
Dresdner Bank, Frankfurt am Main

04.10.2004 – 08.10.2004

**Course instructor:**

GUI-Programming with Swing (*in German*),  
Dresdner Bank, Frankfurt am Main

20.09.2004 – 23.09.2004

**Course instructor:**

Java Struts (*in German*),  
Commerzbank, Frankfurt am Main

07.09.2004 – 10.09.2004

**Course instructor:**

Java Struts (*in German*),  
Dresdner Bank, Frankfurt am Main

12.07.2004 – 16.07.2004

**Course instructor:**

Enterprise Java Beans (*in German*),  
Dresdner Bank, Frankfurt am Main

06.07.2004 – 09.07.2004

**Course instructor:**

Servlets and JSPs (*in German*),  
Dresdner Bank, Frankfurt am Main

21.06.2004 – 25.06.2004

**Course instructor:**

Java Programming Part 2 (*in German*),  
Commerzbank, Frankfurt am Main

24.05.2004 – 28.05.2004

**Course instructor:**

Java Programming Part 1 (*in German*),  
Commerzbank, Frankfurt am Main

19.04.2004 – 23.04.2004

**Course instructor:**

Enterprise Java Beans (*in German*),  
Dresdner Bank, Frankfurt am Main

29.03.2004 – 02.04.2004

**Course instructor:**

Distributed Java Programming Techniques (*in German*),

Dresdner Bank, Frankfurt am Main

16.03.2004 – 19.03.2004

**Course instructor:**

Java Struts (*in German*),  
Dresdner Bank, Frankfurt am Main

24.02.2004 – 04.03.2004

**Course instructor:**

Programming of web-applications  
Dresdner Bank, Frankfurt am Main

22.10.2003 – 24.10.2003

**Course instructor:**

WSAD – WebSphere Studio Application Developer (*in German*),  
Dresdner Bank, Frankfurt am Main

15.10.2003 – 21.10.2003

**Course instructor:**

J2EE (*in German*),  
Commerzbank, Frankfurt am Main

06.10.2003 – 09.10.2003

**Course instructor:**

Servlets und JSPs (*in German*),  
Commerzbank, Frankfurt am Main

29.09.2003 – 02.10.2003

**Course instructor:**

Java Struts (*in German*),  
Commerzbank, Frankfurt am Main

07.07.2003 – 10.07.2003

**Course instructor:**

Database Programming in Java (*in German*),  
Commerzbank, Frankfurt am Main

23.06.2003 – 27.06.2003

**Course instructor:**

Enterprise Java Beans (*in German*),  
Dresdner Bank, Frankfurt am Main

05.06.2003

**Course co-instructor:**

J2EE Overview for Project Managers (*in German*),  
Dresdner Bank, Frankfurt am Main

19.05.2003

**Course co-instructor:**

XML and WebServices Overview for Project Managers (*in*

*German*),  
Dresdner Bank, Frankfurt am Main

12.05.2003 – 16.05.2003

**Course instructor:**  
GUI-Programming with Swing (*in German*),  
Dresdner Bank, Frankfurt am Main

22.04.2003 – 25.04.2003

**Course instructor:**  
Servlets and JSPs (*in German*),  
Dresdner Bank, Frankfurt am Main

24.03.2003 – 28.03.2003

**Course instructor:**  
Enterprise Java Beans (*in German*),  
Dresdner Bank, Frankfurt am Main

12.03.2003

**Course instructor:**  
XML and WebServices Overview for Project Managers (*in German*),  
Dresdner Bank, Frankfurt am Main

24.02.2003

**Course co-instructor:**  
J2EE Overview for Project Managers (*in German*),  
Dresdner Bank, Frankfurt am Main

18.11.2002 – 22.11.2002

**Course instructor:**  
Enterprise Java Beans (*in German*),  
Dresdner Bank, Frankfurt am Main

13.11.2002

**Course instructor:**  
J2EE Overview for Project Managers (*in German*),  
Dresdner Bank, Frankfurt am Main

05.11.2002 – 08.11.2002

**Course instructor:**  
Database Programming in Java (*in German*),  
Dresdner Bank, Frankfurt am Main

21.10.2002 – 25.10.2002

**Course instructor:**  
Enterprise Java Beans (*in German*),  
Dr. Hagen&Partner GmbH, Erlangen

23.09.2002 – 27.09.2002

**Course instructor:**

Enterprise Java Beans (*in German*),  
Dresdner Bank, Frankfurt am Main

19.08.2002 – 26.08.2002

**Course instructor:**

Distributed Java Programming Techniques (*in English*),  
Dresdner Bank, Frankfurt am Main

10.06.2002 – 14.06.2002

**Course instructor:**

Enterprise Java Beans (*in German*),  
Dresdner Bank, Frankfurt am Main

03.06.2002 – 07.06.2002

**Course instructor:**

Enterprise Java Beans (*in German*),  
Commerzbank, Frankfurt am Main

13.05.2002 – 17.05.2002

**Course instructor:**

Enterprise Java Beans (*in German*),  
Dresdner Bank, Frankfurt am Main

02.04.2002 – 05.04.2002

**Course instructor:**

Servlets and JSPs (*in German*),  
Dresdner Bank, Frankfurt am Main

25.03.2002 – 28.03.2002

**Course instructor:**

Database Programming in Java (*in German*),  
Dresdner Bank, Frankfurt am Main

18.03.2002 – 22.03.2002

**Course instructor:**

Distributed Java Programming Techniques (*in German*),  
Dresdner Bank, Frankfurt am Main

12.03.2002 – 15.03.2002

**Course instructor:**

Servlets and JSPs (*in German*),  
Dresdner Bank, Frankfurt am Main

04.03.2002 – 08.03.2002

**Course instructor:**

Enterprise Java Beans (*in German*),  
Dresdner Bank, Frankfurt am Main

26.02.2002 – 01.03.2002

**Course instructor:**

Servlets and JSPs (*in German*),

Dresdner Bank, Frankfurt am Main

04.02.2002 – 08.02.2002

**Course instructor:**

Java Programming Part 2 (*in German*),  
Dresdner Bank, Frankfurt am Main

14.01.2002 – 18.01.2002

**Course instructor:**

Enterprise Java Beans (*in German*),  
Commerzbank, Frankfurt am Main

26.11.2001 – 30.11.2001

**Course instructor:**

Enterprise Java Beans (*in German*),  
Dresdner Bank, Frankfurt am Main

13.11.2001 – 16.11.2001

**Course instructor:**

Database Programming in Java (*in German*),  
Dresdner Bank, Frankfurt am Main

15.10.2001 – 19.10.2001

**Course instructor:**

Enterprise Java Beans (*in German*),  
Dresdner Bank, Frankfurt am Main

24.09.2001 – 28.09.2001

**Course instructor:**

Enterprise Java Beans (*in German*),  
Dresdner Bank, Frankfurt am Main

10.09.2001 – 12.09.2001

**Course instructor:**

Introduction to Java Programming Techniques (*in German*),  
Bizerba, Balingen, Germany  
(Threads, Collections API, Java Beans, Socket Communication  
with Java, RMI, JDBC, JNI, EJB/J2EE, IDEs: Visual Cafe,  
Visual Age, JBuilder, Kawa, Together J)

## ***Course preparation***

When not in a project or in a course:

### **Preparing manuscripts, examples, and presentations for courses:**

Enterprise Java Beans,  
Servlets and JSPs,  
Database Programming in Java,  
Distributed Java Programming Techniques,  
GUI-Programming with Swing  
Java Programming Part 1 and Part 2,  
J2EE Overview for Project Managers,  
Struts,  
Java Security,  
WebSphere Studio Application Developer,  
XML and WebServices in Java,  
XML for Application Developer.

1995 – 2000

Institute for Mathematics,  
Department for  
Informatics,  
Novi Sad, Serbia.

09/1995 – 12/2000

### **Assistant for the courses:**

- Data structures and algorithms
- Programming languages
- Introduction to programming

### **Research contracts:**

- *Mathematical Structures with Applications* - fundamental research project with code number 04M05, 1995 – 2000
- *The Specialized User Friendly Programming Language for Event-Driven Programming* - innovative project in industry, code number I.1.1185, 1996 – 1997
- *Distributed Infrastructure for Workflow* - innovative project in industry, code number I.1.1777, 1998 – 1999
- *Multi-Agent Systems and Agent-Oriented Programming* - joint research project of Institute of Mathematics (Novi Sad, Serbia) and Institute of Computer Science (Warsaw, Poland), supported by Polish Academy of Science and Serbian Academy of Sciences and Arts, 1998 – 2000.

08/1997 – 07/1998

### **Design and implementation of the practical part of the master thesis:**

- Software Agents

- Java 1.1.6, RMI, HTTP
- distributed programming in Java

09/1999 – 11/1999

**Private project:**

Design and implementations of bookkeeping software for a car-service company “Autoservis – Patafta”, Bački Petrovac.

- Delphi 4 Client-Server
- Interbase 5.0
- SQL

02/2000 – 05/2003

**Design and implementation of the practical part of the PhD thesis:**

- A new programming language for the development of intelligent software agents is defined and implemented.

- Java 1.4.1, RMI
- Machine learning.

**Education**

1978 – 1986	primary school “Jan Čajak”, Bački Petrovac, Serbia
1986 – 1990	high school “Jan Kollar”, Bački Petrovac, Serbia grade point average: 5,00 (5 is the best grade)
1990 – 1995	BS Computer Science, Institute for Mathematics, University of Novi Sad, Serbia. grade point average: 9,86 (10 is the best mark, 6 is the worst mark)
1995 – 1998	MS Computer Science, Institute for Mathematics, University of Novi Sad, Serbia. grade point average: 10,00 (10 is the best mark, 6 is the worst mark)
1998 – 2001	PhD Computer Science, Institute for Mathematics, University of Novi Sad, Serbia.

**Awards**

"*Mileva Marić-Einstein*" Award for successful undergraduate studies (1995),  
 "*Mileva Marić-Einstein*" Award for exceptional master's thesis (1998).

**Praxis**

09/98 – 01/99	Guest at Institut für Informatik, Humboldt Universität, Berlin.
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Participation in RoboCup Project (Artificial Intelligence, C++, Sun Solaris)

## **Publications**

1995 – 2006

Author or co-author of 32 research papers (on programming languages, software agents, and artificial intelligence) and three books. Enclosed is a list of publications and presentations.

## **Miscellaneous**

Excellent knowledge of Java:

- Java 2 SDK (JDBC, JNDI, Swing and AWT, RMI, CORBA, java.net, Collections API, ...)
- Java 6
- J2EE (EJB, Servlet/JSP, JTA/JTS, JCA ...)
- Java Security, SSL
- WebServices
- Spring
- Struts Framework
- Java Faces
- AspectJ
- BEA Weblogic 5.1, 6.x, 7.x, 8.x, 10.3
- IBM Websphere 3.5, 4.x, 5.x, 6.x
- Apache Tomcat 4.x, 5.x
- Java and XML (JAXP, JAXB, JAXM)
- Java IDEs (IBM Websphere Studio Application Developer 4 and 5.x, Eclipse, Together, JBuilder, Visual Cafe, Kawa, Visual Age)

Other knowledge:

- OO Design and Analyses
- Unix
- databases, Oracle, DB2, SQL
- web services, SOAP, WSDL
- security, PKI
- programming languages: Perl, C++, Delphi, JavaScript, Lisp, Prolog, Modula 2, ...
- HTML, JavaScript
- ...

## **Hobbies**

jogging, bicycle, movies.

# List of Publications

## Mihal Badonski

### Research Papers

#### *I Research Papers published in International Journals*

1. **Badjonski, M.**, Ivanović, M., Budimac, Z., Software Specification Using LASS, Lecture Notes in Computer Science 1345, Springer-Verlag, pp. 375-376 (Proceedings of Third Asian Computing Science Conference "ASIAN '97", Kathmandu, Nepal, December 9-11, 1997).
2. **Badjonski, M.**, Ivanović, M., The Java™ Package for Agent Implementation, Knowledge-Based Software Engineering, P. Navrat and H. Ueno (Eds.), IOS Press, 1998, pp. 43-46 (Proceedings of Third Joint Conference on Knowledge-Based Software Engineering "JCKBSE '98", Smolenice, Slovakia, September 9-11, 1998).
3. **Badjonski, M.**, Ivanović, M., Budimac, Z., An Approach to Agent Implementation using Java, Novi Sad Journal of Mathematics.
4. **Badjonski, M.**, Ivanović, M., Budimac, Z., Agent-Oriented Programming Language LASS, Computer Science and Electronic Eng, Horwood Publishing Ltd., 1999.
5. **Badjonski, M.**, Ivanović, M., A multiagent system for the determination of optimal hybrids in crop production, Computers and Electronics in Agriculture, volume issue 25/3, March 2000, Elsevier Science, pp. 233-243.
6. **Badjonski, M.**, Ivanović, M., Budimac, Z., Adaptable Java Agents (AJA): a tool for programming of multi-agent systems, ACM SIGPLAN Notices, volume issue 40/2, February 2005, ACM Press, pp. 17-26.
7. **Badjonski, M.**, Ivanović, M., Budimac, Z., AJA – Tool for Programming Adaptable Agents, 3rd IFIP Conference on Artificial Intelligence Applications and Innovations (AIAI), 2006, June 7-9, 2006, Athens, Greece, Springer IFIP Series Vol. 204, Maglogiannis, Ilias; Karpouzis, Kostas; Bramer, Max (Eds.), 2006, ISBN: 0-387-34223-0, pp. 517-523.

#### *II Papers published in Proceedings of International Conferences*

1. **Badjonski, M.**, Development of One Class of Decision Support Systems, Bull. Appl. Math., Hungary, 1996, pp. 285-294.
2. **Badjonski, M.**, Ivanović, M. Knowledge Representation in Systems for Determination of Optimal Plant for Seeding, Bull. Appl. Math., Hungary, 1996, pp. 343-352.
3. Ivanović, M., **Badjonski, M.**, Kavgić P., Expert System for Determination of Optimal Hybrid for Seeding, Proceedings of Sixth International Congress for Computer Technology in Agriculture "ICCTA'96", Wagenigen, Holland, June 16-19, 1996, pp. 653-658.
4. **Badjonski, M.**, Ivanović, M., Personal Digital Assistant Programmed in LASS, Bull. Appl. Math., Hungary, 1997, 189-198.
5. **Badjonski, M.**, Ivanović, M., Multiagent System for Determination of Optimal Hybrid for Seeding, Proceedings of First International Conference for Information Technology in Agriculture "EFITA '97", Copenhagen, Denmark, June 15-18, 1997, pp. 401-404.
6. **Badjonski, M.**, Ivanović, M., Budimac Z., Possibility of using Multi-Agent System in Education, Proceedings of IEEE International Conference on Systems, Man, and Cybernetics, Orlando, Florida, USA, October 12-15, 1997, pp. 588-593.
7. **Badjonski, M.**, Ivanović, M., An Application of Multiagent Theory in Agriculture, Proceedings of IEEE International Conference on Intelligent Processing Systems "IEEE ICIPS '97", Beijing, China, October 28-31, 1997, pp. 866-870.

8. **Badjonski, M.**, Ivanović, M., Budimac, Z., Intelligent Tutoring System as Multiagent System, Proceedings of IEEE International Conference on Intelligent Processing Systems "IEEE ICIPS '97", Beijing, China, October 28-31, 1997, pp. 871-875.
9. **Badjonski, M.**, Ivanović, M., Budimac, Z., Agent Oriented Programming Language LASS, Proceedings of Colloquium on Object Technology & System Re-Engineering "COTSR '98", Oxford, England, April 6-8, 1998.
10. **Badjonski, M.**, Ivanović, M., Budimac, Z., An Evolutionary Approach to Self-Modification of Multi-Agent Systems, Proceedings of the First International Conference on Philosophy and Computer Science - Problems of Evolution in Real and Virtual Systems "PERVS '98", Krakow, Poland, December 2-4, 1998, pp. 1-8.
11. Takači, A., **Badjonski, M.**, Ivanović, M., Implementing Multi-Agent Global Travel Agency, Bull. Appl. Math., Hungary, 1999.
12. **Badjonski, M.**, Schröter, K., Wendler, J., Burkhard, H.D., Learning of Kick in Artificial Soccer, Proceedings of RoboCup European Championship 2000 Workshop, Amsterdam, Holland, May 27 - June 2, 2000.
13. **Badjonski, M.**, Ivanović, M., Takači, A., Agent-Based Traveling, Proceedings of Challenges at Symposium on Advances in Databases and Information Systems "ADBIS-DASFAA 2000", Prague, Czech Republic, September 5-8, 2000, pp. 11-20.

### ***III Papers published in Proceedings of International Conferences (held in Serbia and Montenegro)***

1. **Badjonski, M.**, Budimac, Z., A Specification of Purely Functional Scheme via L-attributed Grammars, Proceedings of VII Conference on Logic and Computer Science "Lira '95", Novi Sad, Serbia and Montenegro, September 26-30, 1995, pp. 31-36.
2. **Badjonski, M.**, Ivanović, M., LASS - A Language for Agent-Oriented Software Specification, Proceedings of VIII Conference on Logic and Computer Science "Lira '97", Novi Sad, Serbia and Montenegro, September 1-4, 1997, pp. 9-18.
3. **Badjonski, M.**, Simulaciona fudbalska liga RoboCup-a, Proceedings of 7th International Interdisciplinary Symposium "Sport, Physical Activities and Health in the Third Millenium", Novi Sad, Serbia and Montenegro, September 17-18, 1999.

### ***IV Papers published in Proceedings of National Conferences***

1. **Badjonski, M.**, Ivanović, M., A Prototype of a Decision Support System for the Choice of Optimal Corn Hybrid, Proceedings of XXXIX Conference on Electronics, Telecommunications, Computing, Automation and Nuclear Engineering "ETAN '95" (formerly ETAN), Zlatibor, Serbia and Montenegro, June 6-9, 1995, pp. 289-301.
2. **Badjonski, M.**, Budimac, Z., A Prototype of a Purely Functional Operating System in Haskell, Proceedings of XI Conference on Applied Mathematics "Prim '96", Budva, Serbia and Montenegro, June 3-6, 1996, pp. 1-8.
3. **Badjonski, M.**, Budimac, Z., Ivanović, M., Paunić, Đ., O specijalizovanom jeziku za fleksibilne informacione sisteme, Proceedings of XI Meetings on Information Technologies "IT '97", Žabljak, Serbia and Montenegro, March 8-16 1997, pp. 211-214.
4. **Badjonski, M.**, Budimac, Z., Dudan, Z., Ivanović, M., Paunić, Đ., Stevanović, S., Živkov, S., Interakcija specijalizovanog programskog jezika "PLES" sa njegovom okolinom, Proceedings of YU-INFO conference "YU-INFO '97", Brezovica, Serbia and Montenegro, April 1-4, 1997, pp. 348-352.
5. Ivanović, M., **Badjonski, M.**, Budimac, Z., Programski jezik PLES i njegovo korišćenje, Proceedings of XLI Conference on Electronics, Telecommunications, Computing, Automation and Nuclear Engineering "ETAN '97" (formerly ETAN), Zlatibor, Serbia and Montenegro, June, 1997, Volume III, pp. 40-42.
6. **Badjonski, M.**, Ivanović, M., MAKREL - jezik za multiagentno predstavljanje znanja, Proceedings of XLI Conference on Electronics, Telecommunications, Computing, Automation and Nuclear Engineering "ETAN '97" (formerly ETAN), Zlatibor, Serbia and Montenegro, June, 1997, Volume III, pp. 247-249.
7. **Badjonski, M.**, Budimac, Z., Dudan, Z., Ivanović, M., Stevanović, S., Paunić, Đ., Živkov, S., Programski jezik "PLES" i softverske komponente, Proceedings of XII Conference "INFO-TECH '97", Vrnjačka Banja, Serbia and Montenegro, June 16-20, 1997, pp 117-122.

8. **Badjonski, M.**, LASS in Action, Proceedings of XII Conference on Applied Mathematics "Prim '97", Palić, Serbia and Montenegro, September 8-12, 1997, pp. 1-10.
9. **Badjonski, M.**, Java Classes Facilitating the Implementation of Multi-Agent Systems, Proceedings of XIII Conference on Applied Mathematics "Prim '98", Igalo, Serbia and Montenegro, May 25-29, 1998.

### *V Theses*

1. **Badjonski, M.**, Implementation of Multi-Agent Systems Using Java, Master's Thesis, University of Novi Sad, Novi Sad, July 1998, 141 pages.
2. **Badjonski, M.**, Adaptable Java Agents (AJA) – a Tool for Programming of Multi-Agent Systems, PhD Thesis, University of Novi Sad, Novi Sad, April 2004, 195 pages.

### **Books**

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## **List of Presentations**

### **Mihal Badonski**

1. XXXIX Conference on Electronics, Telecommunications, Computing, Automation and Nuclear Engineering "ETAN '95" (formerly ETAN), Zlatibor, Serbia and Montenegro, June 6-9, 1995, with paper no. IV-1.
2. VII Conference on Logic and Computer Science "Lira '95", Novi Sad, Serbia and Montenegro, September 26-30, 1995, with paper no. III-1.
3. Pannonian Applied Mathematical Meetings "Pamm '96", Balaton, Hungary, May, 1996, with papers no. II-1 and II-2.
4. XI Conference on Applied Mathematics "Prim '96", Budva, Serbia and Montenegro, June 3-6, 1996, with paper no. IV-2.
5. Sixth International Congress for Computer Technology in Agriculture "ICCTA '96", Wagenigen, Holland, June 16-19, 1996, with paper no. II-3.
6. XI Meetings on Information Technologies "IT '97", Žabljak, Serbia and Montenegro, March 8-16 1997, with paper no. IV-3.
7. YU-INFO conference "YU-INFO '97", Brezovica, Serbia and Montenegro, April 1-4, 1997, with paper no. IV-4.
8. Pannonian Applied Mathematical Meetings "Pamm '97", Balaton, Hungary, May 8-11, 1997, with paper no. II-4.
9. XLI Conference on Electronics, Telecommunications, Computing, Automation and Nuclear Engineering "ETAN '97" (formerly ETAN), Zlatibor, Serbia and Montenegro, June, 1997, with papers no. IV-5 and IV-6.
10. First International Conference for Information Technology in Agriculture "EFITA '97", Copenhagen, Denmark, June 15-18, 1997, with paper no. II-5.
11. XII Conference "INFO-TECH '97", Vrnjačka Banja, Serbia and Montenegro, June 16-20, 1997, with paper no. IV-7.
12. VIII Conference on Logic and Computer Science "Lira '97", Novi Sad, Serbia and Montenegro, September 1-4, 1997, with paper no. III-2.

13. XII Conference on Applied Mathematics "Prim '97", Palić, Serbia and Montenegro, September 8-12, 1997, with paper no. IV-8.
14. IEEE International Conference on Systems, Man, and Cybernetics, Orlando, Florida, USA, October 12-15, 1997, with paper no. II-6.
15. IEEE International Conference on Intelligent Processing Systems "IEEE ICIPS '97", Beijing, China, October 28-31, 1997, with papers no. II-7 and II-8.
16. Third Asian Computing Science Conference "ASIAN '97", Kathmandu, Nepal, December 9-11, 1997, with paper no. I-1.
17. Colloquium on Object Technology & System Re-Engineering "COTSR '98", Oxford, England, April 6-8, 1998, with paper no. II-9.
18. XIII Conference on Applied Mathematics "Prim '98", Igalo, Serbia and Montenegro, May 25-29, 1998, with paper no. IV-9.
19. Third Joint Conference on Knowledge-Based Software Engineering "JCKBSE '98", Smolenice, Slovakia, September 9-11, 1998, with paper no. I-2.
20. First International Conference on Philosophy and Computer Science - Problems of Evolution in Real and Virtual Systems "PERVS '98", Krakow, Poland, December 2-4, 1998, with paper no. II-10.
21. PAMM 99, God, Hungary, October 14 - 17, 1999, with paper no. II-11.
22. 7th International Interdisciplinary Symposium "Sport, Physical Activities and Health in the Third Millenium", Novi Sad, Serbia and Montenegro, Septeber 17-18, 1999, with paper no. III-3.
23. The RoboCup European Championship 2000 Workshop, Amsterdam, Holland, May 27 - June 2, 2000, with paper no. II-12.
24. ADBIS-DASFAA 2000, Prague, Czech Republic, September 5-8, 2000, with paper no. II-13.