

# Zoran Putnik, MSc

## Curriculum Vitae

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## ***Personal Data***

Date of birth: October 18, 1960

Place of birth: Novi Sad

Marital status: Married (one child)

Citizenship: Serbian

## **A) *Languages***

Mother tongue: Serbian

Active knowledge: English

Passive knowledge: German

## **B) *Education***

Faculty of Science, Novi Sad, Yugoslavia:

B.S. Mathematics-Informatics: 1979-1983

M.Sc. Informatics: 2004.

PhD: Methods of Informatics: 2014.

## **C) *Experience***

Yugoslav Army, System Analyst: 1983-1988

University of Novi Sad, Faculty of Science, System Analyst: 1988-2005, Assistant: 2005-present

## **D) *Courses taught***

Department of Mathematics and Informatics, Faculty of Science, Novi Sad

- 1) Introduction to Programming
- 2) Data Structures and Algorithms
- 3) Programming Languages
- 4) Introduction to Computers
- 5) Software practice – Office business
- 6) Software practice – Desktop Publishing
- 7) Software Engineering
- 8) Software Project Management
- 9) Educational Software
- 10) Ethical Aspects of Informatics
- 11) Elective Seminar – E-Learning
- 12) Elective Seminar – Advanced E-Learning
- 13) Elective Seminar – Advanced E-Business
- 14) Privacy, ethics and social responsibility – master course
- 15) Distance Learning
- 16) Seminar paper A - Distance Learning
- 17) Seminar paper B - Advanced E-Business
- 18) Seminar paper B – Further Topics of Software Engineering

Department of Physics, Faculty of Science, Novi Sad

- 1) Programming and Numerical Mathematics
- 2) Informatics

Department of Chemistry, Faculty of Science, Novi Sad

- 1) Numerical Mathematics and Computers

Department of Geography, Faculty of Science, Novi Sad

- 1) Introduction to Computers

Geography/Informatics – double direction, Faculty of Science, Novi Sad

- 1) Introduction to Computers
- 2) Educational Software

Faculty of Agriculture, Novi Sad

- 1) Mathematics

Faculty of Philosophy, Novi Sad

1) Introduction to Computers

Technical College, Novi Sad

1) Introduction to Computers

School for Young Talents "Archimedes", Novi Sad

1) Introduction to Computers

2) Microsoft Word for Windows

College for Protection at Work, Zenica

1) Introduction to Computers

Polytechnic University, Tirana, Albania

1) Software Engineering

**E) *Fields of Interest***

- Functional and Logic Programming
- Software Engineering
- Mobile Agents

Computer Graphics

Workflow Management

E-Learning and Distance Learning

## F) *Publications - full papers*

- 1) Ivanović, M., Stojković, V., Budimac, Z., **Putnik, Z.:**  
*"Implementation of Mini-BASIC Interpreter in LispKit LISP Language"*,  
Proc. of VII International Symposium "Computer at the University", (Cavtat, Yugoslavia), 102.1-102.12, 1985.
- 2) Budimac, Z., **Putnik, Z.**, Ivanović, M., Paunić, Dj., Jerinić, Lj.:  
*"General Purpose Educational Software with 'Simulation' Ability OSOF"*,  
Proc. of XII International Symposium "Computer at the University", (Cavtat, Yugoslavia), S1.5.1.-S1.5.6, 1990.
- 3) **Putnik, Z.**, Budimac, Z., Ivanović, M., Paunić, Dj., Jerinić, Lj.:  
*"Using Pictures in General Purpose Educational Software – OSOF"*,  
Proc. of XII International Symposium "Computer at the University", (Cavtat, Yugoslavia), S1.3.1.-S1.3.6, 1990.
- 4) **Putnik, Z.**, Budimac, Z., Ivanović, M.:  
*"Turtle Walk Through Functional Language"*,  
ACM SIGPLAN Notices, 26(1991)2, pp. 75-82, DOI: 10.1145/122179.122188, 1991.
- 5) Budimac, Z., Ivanović, M., **Putnik, Z. :**  
*"A Representation Scheme for Graphical Objects Based on Functional Definitions in Functional Language"*,  
Proc. of XIII International Conference "Information Technology Interface", (Cavtat, Yugoslavia), pp. 255-260, 1991.
- 6) Acketa, M. D., **Putnik, Z.:**  
*"An Algorithm for Derivation of New Bipartite Graphs from a Given 2-Connected Simple Graph"*,  
Proc. of XIII International Conference "Information Technology Interface", (Cavtat, Yugoslavia), pp. 555-560, 1991.
- 7) Acketa, M. D., **Putnik, Z.:**  
*"On the Partition of Bipartite Graphs Derived from Pairs of Exact Cocycle Covers of a Given Bipartite Graph"*,  
Proc. of Abstracts for Workshop on Algebraic and Topological Methods in Graph Theory, (Bled, Yugoslavia), 1991.
- 8) **Putnik, Z.**, Budimac, Z., Ivanović, M.:  
*"Dependency Analysis in an Untyped Functional Language: An Exercise in Functional Programming"*,  
Proc. of VI Conference on Logic and Computing, Lira '92, (Novi Sad, Yugoslavia), pp. 99-106, 1992.
- 9) **Putnik, Z.**, Budimac, Z., Ivanović, M.:  
*"Some Improvement of LispKit LISP Syntax Analyzer"*,  
Proc. of International DECUS Turkiye Symposium, (Antalia, Turkey), pp. 243-252, 1992.
- 10) Ivanović, M., **Putnik, Z.**, Budimac, Z.:  
*"Computer Graphics and LispKit LISP - an Overview of Implementation"*,  
Radovi Instituta za matematiku, br. 1, pp. 25-32, 1992.
- 11) **Putnik, Z.**, Ivanović, M., Budimac, Z. :  
*"An Application of Dependency Analysis in Implementation of Functional Programming Languages"*,  
Proc. of XXXVII Yugoslav Conference of ETAN, (Beograd, Yugoslavia), pp. 351-356, 1993.

- 12) **Putnik, Z.:**  
*"Educational 'Turtle' - Using 'Turtle' Graphics in Computer Education"*,  
Univ. u Novom Sadu, Zb. Rad. Prirod.-Mat. Fak. Ser. Mat., Vol.24, No.1, pp. 321-329, 1994.
- 13) Budimac, Z., **Putnik, Z. :**  
*"Purely Functional Turtle Graphics"*,  
Proc. of XXXVIII Yugoslav Conference of ETRAN, (Niš, Yugoslavia), pp. 127-128, 1994.
- 14) **Putnik, Z. :**  
*"A Note on Drawing Of Self-Similar Pictures"*,  
Proc. of XXXVIII Yugoslav Conference of ETRAN, (Niš, Yugoslavia), pp. 125-126, 1994.
- 15) Acketa, M. D., **Putnik, Z.:**  
*"On Deriving New Bipartite Graphs From Pairs of Exact Cocycle Covers of a Given One"*,  
Proc. of Abstracts for International Conference on Combinatorics, (Kesthely, Hungary), 1994.
- 16) Acketa, M. D., **Putnik, Z.:**  
*"On Generating Small Labelled Matroids"*,  
Proc. of Abstracts for 9. Congress of Mathematicians of Yugoslavia, pp. 125-126, (Petrovac, Yugoslavia), 1995.
- 17) **Putnik, Z. :**  
*"An Intelligent HELP system as a help in educational proces"*,  
Proc. of IV Yugoslav Conference "Informatics in Education and New Information Technologies",  
(Novi Sad, Yugoslavia), pp. 86-91, 1995.
- 18) Acketa, M. D., **Putnik, Z.:**  
*"On Generating Non-isomorphic Non-simple Graphs With the Same Simplification"*,  
Proc. of IX Seminar of Applied Mathematics "PriM '94", (Budva, Yugoslavia), pp. 261-267, 1995.
- 19) Budimac, Z., Szarapka, L., **Putnik, Z.**, Ivanović, M. :  
*"Dependency Analysis in a Compiler of a Functional Language"*,  
Bull. for Applied Mathematics, (Göd, Hungary), 45-49, 1995.
- 20) **Putnik, Z. :**  
*"Object-oriented programming - cons and pros"*,  
Proc. of Abstracts for VI Conference on Logic and Computing, Lira '95, (Novi Sad, Yugoslavia), 1995.
- 21) **Putnik, Z. :**  
*"A System for Storage, Manipulation and Control of Different Graphics Formats"*,  
Proc. of Conference "FILOMAT '94", (Niš, Yugoslavia), pp. 357-366, 1995.
- 22) Miličić, D., **Putnik, Z. :**  
*"Simple Interactive Command Line Spelling Corrector"*,  
Proc. of XXXIX Yugoslav Conference of ETRAN, (Zlatibor, Yugoslavia), pp. 233-234, 1995.
- 23) **Putnik, Z. :**  
*"On Some Problems and Development Trends in Multimedia Education"*,  
Proc. of V Yugoslav Conference "Informatics in Education and New Information Technologies",  
(Novi Sad, Yugoslavia), pp. 17-21, 1995.
- 24) **Putnik, Z., Budimac, Z.:**  
*"On the Efficiency of a different Programming Styles"*,  
Proc. of Abstracts for X Seminar of Applied Mathematics "PriM '95", 93, (Budva, Yugoslavia), 1995.

- 25) **Putnik, Z.** :  
"A Craft of Making Programs That Work",  
Proc. of XL Yugoslav Conference of ETRAN, (Budva, Yugoslavia), pp. 44-46, 1996.
- 26) **Putnik, Z.** :  
"Education in Computer Science - When, How and How much",  
Proc. of VI Yugoslav Conference "Informatics in Education and New Information Technologies",  
(Apatin, Yugoslavia), pp. 166-171, 1996.
- 27) **Putnik, Z.** :  
"Research and Development Issues in Multimedia Technology",  
Proc. of VI Yugoslav Conference "Informatics in Education and New Information Technologies",  
(Apatin, Yugoslavia), pp. 162-165, 1996.
- 28) **Putnik, Z.** :  
"Reconsidering the Choice Of the First Programming Language",  
Proc. of Eight International PEG Conference, (Sozopol, Bulgaria), pp. 406-407, 1997.
- 29) **Putnik, Z.** :  
"A Note on Some Ethical and Professional Codes for Computer Practicioners",  
Proc. of Abstracts for International Conference on Computer Ethics, (Linkoping, Sweden), 1997.
- 30) **Putnik Z.** :  
"Education on Human-Computer Interaction A Teacher Model",  
TeaDIS Workshop Education in HCI and HCI Curricula, Schaerding, Austria, electronic, URL:  
<http://www-cg-hci.informatik.uni-oldenburg.de/~ifip/teadis/putnik.html>, 1997.
- 31) **Putnik Z., Budimac Z.:**  
"Bringing LOGO to the World of Purely Functional Programming",  
EUROLOGO '97 Conference, Budapest, Hungary, pp. 406-409, 1997.
- 32) **Putnik, Z.:**  
"Towards Yugoslav Spelling Checker",  
Proc. of XI Seminar of Applied Mathematics "PriM '96", (Budva, Yugoslavia), pp. 331-337, 1997.
- 33) **Putnik, Z., Lomić M.:**  
"Educational Aspects of Advanced Multimedia",  
Proc. of XLI Yugoslav Conference of ETRAN, (Zlatibor, Yugoslavia), pp. 67-69, 1997.
- 34) **Putnik, Z.** :  
"The Portrait of a Contemporary Computer Science Teacher",  
Proc. of VII Yugoslav Conference "Informatique and information technologies, theory and practice",  
(Novi Sad, Yugoslavia), pp. 193-198, 1997.
- 35) **Putnik Z., Budimac Z.:**  
"Implementation of Turtle Graphics for Teaching Purposes",  
Proc. of EDUGRAPHICS '97 Conference, electronic, URL:  
<http://www.geocities.com/ResearchTriangle/2217/PrePub97.html>, (Algarve, Portugal), 1997.
- 36) Lj. Cvetković, J. Obrovski, **Putnik, Z.:**  
"Practical Technique for the Estimation of the Optimum Relaxation Factors in Two-sweep Methods",  
Proc. of Abstracts for XII Conference on Applied Mathematics "PriM '97", 62, (Palić, Yugoslavia),  
1997.
- 37) **Putnik, Z.:**  
"An Exercise in Text-Analysing Technique: Some Numerical Characteristics Of Serbian Language",  
Proc. of Abstracts for INFOFEST '98, (Budva, Yugoslavia), pp. 107, 1998.

- 38) **Putnik, Z. :**  
*"On the Effects of the Expansion of Multimedia on Teaching"*,  
Proc. of 9th International Conference of Society for Information Technology and Teacher Education,  
(Washington, DC USA), electronic, URL:  
[http://www.coe.uh.edu/insite/elec\\_pub/HTML1998/nm\\_putn.htm](http://www.coe.uh.edu/insite/elec_pub/HTML1998/nm_putn.htm), 1998.
- 39) **Putnik, Z., Lomić, M.:**  
*"Multi-aspects" of Multimedia Education"*,  
Proc. of 8th International Conference "Informatics in Education and New Information  
Technologies", (Belgrade, Yugoslavia), pp. 260-266, 1998.
- 40) **Putnik, Z. :**  
*"An Analysis of Some Characteristics of Different Programming Paradigms"*,  
(CS)<sup>2</sup> Conference of PhD Students on Computer Science, (Szeged, Hungary), poster, pp. 88, 1998.
- 41) **Putnik, Z.:**  
*"On The Quality of the Software Produced"*,  
Proc. of 4th International Conference on Computer Science and Informatics, (New York, USA), Vol.  
IV, pp. 64-66, 1998.
- 42) **Putnik, Z.:**  
*"Is Good Enough, Good Enough?"*,  
Proc. of Software Engineering Education Symposium '98, (Poznan, Poland), pp. 158-163, 1998.
- 43) **Putnik, Z. :**  
*"On Application of Self-Similar Pictures in Education"*,  
ACM SIGPLAN Notices, 34(1999)1, ISBN:1-58113-024-4, 341, DOI: 10.1145/289423.289470,  
1998.
- 44) Lomić, M., **Putnik, Z.:**  
*"Courseware : Requirements and Features"*,  
Proc. of "YU INFO '99", (Kopaonik, Yugoslavia), CD edition, 1999.
- 45) **Putnik, Z., Lomić, M.:**  
*"Prilog razvoju strategija kreiranja obrazovnog softvera"*,  
*"Pedagogija"*, (Beograd, Yugoslavia), pp. 76-85, 1999.
- 46) **Putnik, Z.:**  
*"On Current Trends in Computer Science Curriculas"*,  
Proc. of XIII Conference on Applied Mathematics "PriM '98", (Igalo, Yugoslavia), pp. 103-109,  
1999.
- 47) Lomić, M., **Putnik, Z.:**  
*"On Distance Education Courseware"*,  
Proc. of ITiCSE '99, Conference on Innovation and Technology in Computer Science Education,  
ISBN:1-58113-087-2, (Cracow, Poland), poster, pp. 194, DOI: 10.1145/305786.305940, 1999.
- 48) Tošić, R., Cvetković, Lj., Lomić, M., **Putnik, Z.:**  
*"Dynamic Programming in Sport"*,  
Proc. of 7th Interdisciplinary Symposium "Sport, Physical Activities and Health in the Third  
Millenium", (Novi Sad, Yugoslavia), pp. 113-116, 1999.
- 49) Tošić, R., Cvetković, Lj., **Putnik, Z.:**  
*"Markov Chains and Basketball"*,  
Proc. of 7th Interdisciplinary Symposium "Sport, Physical Activities and Health in the Third  
Millenium", (Novi Sad, Yugoslavia), pp. 117-121, 1999.

- 50) Lomić, M., **Putnik, Z.:**  
*"On Creation of Educational Software Based on Dynamic Learning Model"*,  
 Proc. of European Symposium on Telematics, Hypermedia and Artificial Intelligence in Education and Training for the New Professions in the Information Society, (Varese, Italy), pp. 6-13, 1999.
- 51) **Putnik, Z.**, Grabovac, M.:  
*"Introducing Mobile Agents to "Parallel Problems""*,  
 Bull. for Applied Mathematics, (Göd, Hungary), pp. 41-52, 1999.
- 52) **Putnik, Z.**, Lomić, M.:  
*"Multimedia Education-Several Angles View"*,  
 Proc. of 3rd International Conference on Computational Intelligence and Multimedia Application "ICCIMA'99", (New Delhi, India), DOI: 10.1109/ICCIMA.1999.798560, pp. 383-387, 1999.
- 53) Grabovac, M., **Putnik, Z.:**  
*"Strategies for Distance Education Courseware"*,  
 Proc. of "YU INFO 2000", (Kopaonik, Yugoslavia), CD edition, 2000.
- 54) **Putnik, Z.**, Grabovac, M.:  
*"Mogućnosti i ograničenja učenja na daljinu"*,  
 Proc. of Abstracts for 10. Congress of Mathematicians of Yugoslavia, (Beograd, Yugoslavia), pp. 124-125, 2000.
- 55) **Putnik, Z.**, Grabovac, M.:  
*"Extension of Java with Turtle Graphics"*,  
 (CS)<sup>2</sup> Conference of PhD Students on Computer Science, (Szeged, Hungary), poster, pp. 87, 2000.
- 56) **Putnik, Z.**, Grabovac, M.:  
*"On the Educational Software User Interface"*,  
 Proc. of 9th International Conference "Informatics in Education, Quality and New Information Technologies", (Zrenjanin, Yugoslavia), pp. 358-364, 2000.
- 57) Grabovac, M, **Putnik, Z.:**  
*"Education at Home - Why Do We Need It"*,  
 Proc. of 9th International Conference "Informatics in Education, Quality and New Information Technologies", (Zrenjanin, Yugoslavia), pp. 79-84, 2000.
- 58) **Putnik, Z.**, Grabovac, M.:  
*"Internet And Distance Education"*,  
 Proc. of XV Scientific-Expert Meeting "Info-Teh 2000", (Vrnjačka Banja, Yugoslavia), pp. 143-146, 2000.
- 59) **Putnik, Z.**, Grabovac, M.:  
*"Web Information System For Student Project Management"*,  
 4th World Multiconference on Systemics, Cybernetics and Informatics SCI2000 and 6th International Conference on Information Systems, Analysis and Synthesis ISAS 2000, (Orlando, Florida, USA), pp. 370-374, 2000.
- 60) **Putnik, Z.**, Grabovac, M.:  
*"Teaching the Teachers – Introduction of New Technologies"*,  
 Proc. of XIV Conference on Applied Mathematics "PriM 2000", (Palić, Yugoslavia), pp. 151-158, 2000.
- 61) **Putnik, Z.**, Budimac, Z.:  
*"Mobile Agents - A New and Powerful Concept?"*,  
 Novi Sad J. Math. Vol. 30, No. 2, 2000, (Novi Sad, Yugoslavia), pp. 113-123, 2000.



- 62) **Putnik, Z.:**  
*"New Teachers And New Technologies"*,  
In McNeil, S., J. Price et al. (Eds.), Proceedings of Society for Information Technology & Teacher Education International Conference 2001, ISBN 1-880094-41-X, (pp. 1479-1483). Chesapeake, VA: AACE, pp. 77-81, 2001.
- 63) **Putnik, Z., Budimac, Z.:**  
*"An Example of Usage of Workflow Technology in Introduction of Standard ISO 9001"*,  
Proc. of "YU INFO 2001", (Kopaonik, Yugoslavia), CD edition, 2001.
- 64) **Putnik, Z.:**  
*"On Simulated Parallelism For Solving Mathematical Problems"*,  
Proc. of Abstracts for SCAM 2000 Conference in Applied Mathematics for undergraduate and graduate students, pp. 23-24, (Bratislava, Slovakia), 2001.
- 65) **Putnik, Z.:**  
*"On Integration of Learning and Technology"*,  
Poster for ITiCSE 2001, ACM SIGCSE Bulletin 33(3):185, ISBN:1-58113-330-8, The 6th Annual Conference on Innovation and Technology in Computer Science Education, (Canterbury, UK), pp. 185, DOI: 10.1145/377435.377705, 2001.
- 66) Ivanović, M., **Putnik, Z.**, Budimac, Z., Babjak, P.:  
*"An Application of Workflow Methodology in Design of Information Systems"*,  
Proc. of Conference "Application of Informatics in Yugoslav Army, (Beograd, Yugoslavia), electronic, URL:([http://www.vj.yu/vojska\\_s/obrazov/savetovanje/projis-3april/workflow.htm](http://www.vj.yu/vojska_s/obrazov/savetovanje/projis-3april/workflow.htm)), 2001.
- 67) **Putnik, Z.:**  
*"On Usage of Mobile Agents in Distance Education"*,  
Proc. of Computers and Learning 2001, CAL 2001, (Coventry, United Kingdom), pp. 256-257, 2001.
- 68) **Putnik, Z.:**  
*"On Effects of Information Technology on Learning"*,  
ED-MEDIA 2001 World Conference on Educational Multimedia, Hypermedia & Telecommunications, (Tampere, Finland), pp. 1526-1527, 2001.
- 69) Grabovac, M., **Putnik, Z.:**  
*"Internet Information System For Planning And Observing Of Pupils' Sport Improvement"*,  
Proc of VIII Interdisciplinary Symposium "Sport, Physical Activities and Health", (Novi Sad, Yugoslavia), pp. 73-77, 2000.
- 70) **Putnik, Z.:**  
*"Learning With Information Technology, Good Sides - Bad Sides"*,  
5th World Multiconference on Systemics, Cybernetics and Informatics SCI2000, (Orlando, Florida, USA), CD edition, 2001.
- 71) **Putnik, Z.:**  
*"On Good Interface For Better Web"*,  
Proc. of World Conference on the WWW and Internet WEBNET 2001, ISBN 1-880094-46-0, (Orlando, Florida, USA), pp 1036-1041, 2001.
- 72) **Putnik, Z.**, Grabovac, M.:  
*"LOGO and Java - One Happy Marriage"*,  
Proc. of 4th International Conference on Computational Intelligence and Multimedia Application "ICCIMA'01", doi.ieeecomputersociety.org/10.1109/ICCIMA.2001.970476, ISBN: 0-7695-1312-3, (Yokosuka City, Japan), pp 256-260, 2001.

- 73) **Putnik, Z.**, Budimac, Z.:  
*"Supervision and Control of Business Process Using Oracle Workflow Monitor"*,  
Proc. of XV Conference on Applied Mathematics "PriM 2002", (Zlatibor, Yugoslavia), pp.159-168.,  
2002.
- 74) **Putnik, Z.**, Budimac, Z.:  
*"Experiences In Teaching Computer Science For Large Groups As a Minor"*,  
Proc. of I Seminar on Teaching Computer Science "NaRa 2002", (Novi Sad, Yugoslavia), pp. 89-96.,  
2002.
- 75) **Putnik, Z.**, Ivanović, M.:  
*"Distance Learning – State of the Art And Current Trends"*,  
Proc. of I Seminar on Teaching Computer Science "NaRa 2002", (Novi Sad, Yugoslavia), pp. 97-  
106., 2002.
- 76) **Putnik, Z.**, Budimac, Z., Pešović, D.:  
*"An Application of Workflow Technology In Sport"*,  
Proc. of X Interdisciplinary Symposium "Sport, Physical Activities and Health", (Novi Sad,  
Yugoslavia), pp. 331-341, 2002.
- 77) Cvetković, Lj., **Putnik, Z.**:  
*"On Application of Markov Chains in Basketball"*,  
Proc. of XI International Seminar "Mathematics And Sport", (Novi Sad, Yugoslavia), pp. 29-36,  
electronic, URL:([http://perun.im.ns.ac.yu/putnik/proceedings\\_mathematics\\_and\\_sport.zip](http://perun.im.ns.ac.yu/putnik/proceedings_mathematics_and_sport.zip)), 2003.
- 78) Ivanović, M., **Putnik, Z.**, Budimac, Z.:  
*"Conference Workflow" - Formalization of a Conference Management Process"*  
1<sup>st</sup> Balkan Conference in Informatics BCI 2003, (Thessaloniki, Greece), pp. 58-66., 2003.
- 79) Cvetković, Lj., **Putnik, Z.**, Obrovski, J.:  
*"Two-Sided Componentwise Bounds For The Inverse Matrix"*,  
Bull. for Applied Mathematics, (Balaton, Hungary), pp.557-562., 2003.
- 80) **Putnik, Z.**, Budimac, Z.:  
*"Software Agents As a Part Of a Workflow Technology"*  
4<sup>th</sup> Workshop on Computational Intelligence and Information Technologies, (Niš, Serbia and  
Montenegro), pp. 23 - 26, 2003.
- 81) **Putnik, Z.**:  
*"Computers In Education – Perspectives of Application And Possible Problems"*,  
Proc. of Abstracts for I Seminar on Usage of Computers in Education "RaNa 2003", (Novi Sad,  
Yugoslavia), pp. 6., 2003.
- 82) **Putnik, Z.**, Budimac, Z., Bothe, K.:  
*"International Educational Project – Some Experiences"*,  
Proc. of Abstracts for II Seminar on Teaching Computer Science "NaRa 2003", (Novi Sad,  
Yugoslavia), pp. 6., 2003.
- 83) Ivanović, M., **Putnik, Z.**, Budimac Z., Jerinić Lj., Vesin B.:  
*"Some Aspects of e-Learning"*,  
Proc. of International Autumn School in Computational Intelligence and Information Technologies,  
(Niš, Yugoslavia), pp. 14-16., 2004.
- 84) Jerinić Lj., Ivanović, M., Budimac Z., **Putnik, Z.**:  
*"Computer Based Education – Twenty Years of Promises, But..."*,  
Proc. of International Autumn School in Computational Intelligence and Information Technologies,  
(Niš, Yugoslavia), pp. 14-16., 2004.

- 85) Ivanović, M., **Putnik, Z.**, Budimac Z., Jerinić Lj., Vesin B.:  
*"Educational Software"*,  
Proc. of International Autumn School in Computational Intelligence and Information Technologies,  
(Niš, Yugoslavia), p. 4, 2004.
- 86) **Putnik, Z.:**  
*"Workflow Systems – Theory and Practice"*  
Master Thesis, Faculty of Science, Department of Mathematics and Informatics, (Novi Sad, Serbia  
and Montenegro), 256 pages, 2004. (in Serbian)
- 87) **Putnik, Z.**, Ivanović, M., Budimac, Z., Bothe, K.:  
*"An Example of Application of Experiences Obtained Through Cooperation in an International  
Project in a Classroom"*  
2<sup>nd</sup> International Conference "Informatics, Educational Technology and New Media in Education",  
(Sombor, Serbia and Montenegro), pp. 200 - 209, 2005. (in Serbian)
- 88) **Putnik, Z.**, Ivanović, M., Budimac, Z.:  
*"Extending the Notion of Computing Literacy"*  
4<sup>th</sup> International Conference "Informatics, Educational Technology and New Media in Education",  
ISBN 978-86-83097-63-0, (Sombor, Serbia), pp. 167 - 179, 2007.
- 89) Kovačević, M., **Putnik, Z.**, Budimac, Z., Ivanović, M.:  
*"Document Management Within Oracle© Wfms – Upgraded Version"*  
3<sup>rd</sup> Balkan Conference in Informatics, ISBN 978-954-9526-42-4, BCI '2007, (Sofia, Bulgaria),  
pp.165-174, 2007.
- 90) **Putnik, Z.**, Ivanović, M., Budimac, Z.:  
*"Personalized e-Learning – Issues and Obstacles"*  
3<sup>rd</sup> Balkan Conference in Informatics, ISBN 978-954-9526-42-4, BCI '2007, (Sofia, Bulgaria),  
pp.325-336, 2007.
- 91) **Putnik, Z.**, Ivanović, M., Budimac, Z.:  
*"Ethical Aspects of Informatics"*  
International Conference on Computer Systems and Technologies – CompSysTech '07, ISBN: 978-  
954-9641-50-9, (Rousse, Bulgaria), IV.24, DOI:10.1145/1330598.1330696, 2007.
- 92) Kovačević, M., **Putnik, Z.**, Budimac, Z., Ivanović, M.:  
*"An Example of Oracle© WfMS Upgrade for the Purpose of Document Management"*  
International Conference on Computer Systems and Technologies – CompSysTech '07, ISBN: 978-  
954-9641-50-9, (Rousse, Bulgaria), IIIB.20, DOI:10.1145/1330598.1330669, 2007.
- 93) Budimac, Z., **Putnik, Z.**, Ivanović, M., Bothe, K., Schuetzler, K.:  
*"Conducting a Joint Course on Software Engineering Based on Teamwork of Students"*  
Informatics in Education, International Journal, ISSN 1648-5831, Institute of Mathematics and  
Informatics, Lithuanian Academy of Sciences, pp. 17-30, DOI 10.1.1.149.2118, 2007.
- 94) Budimac, Z., Ivanović, M., **Putnik, Z.**, Komlenov, Ž., Pribela, I.:  
*"Web-based Course-supporting and eLearning System for Courses in Informatics"*  
eLearning Conference "eLearning - Toward Effective Education and Training in the Information  
Society", (Bijela, Montenegro), pp. 62-68, 2007.
- 95) **Putnik, Z.**, Ivanović, M., Budimac, Z.:  
*"Gender Related Issues Associated To Computer Science Students"*  
6<sup>th</sup> International Symposium on Intelligent Systems and Informatics, (Subotica, Serbia), CD edition,  
2008. DOI [10.1109/SISY.2008.4664956](https://doi.org/10.1109/SISY.2008.4664956)

- 96) Ivanović, M., **Putnik, Z.**, Budimac, Z., Sisarica, A., Bothe, K.:  
“*How Gender Issues Can Influence Studying Computer Science*”  
1<sup>st</sup> International Conference on Computer Supported Education, ISBN 978-989-8111-82-1, Lisboa, Portugal, pp. 223-228, 2009.
- 97) Budimac, Z., **Putnik, Z.**, Ivanović, M., Bothe, K.:  
“*Common Software Engineering Course: Experiences from Different Countries*”  
1<sup>st</sup> International Conference on Computer Supported Education, ISBN 978-989-8111-82-1, Lisboa, Portugal, pp. 375-378, 2009.
- 98) **Putnik, Z.**, Budimac, Z., Ivanović, M.:  
“*From Legacy Teaching Material to Learning Objects – Possible Conversion Model*”,  
Local Proc. of the 4<sup>th</sup> Balkan Conference in Informatics (Thessaloniki, Greece), ISBN 978-0-7695-3783-2, pp. 76 – 81, 2009.
- 99) Ivanović, M., Budimac, Z., **Putnik, Z.**, Bothe, K.:  
“*Short Comparison of Tasks and Achievements of Different Groups of Students with the Common Software Engineering Course*”,  
International Conference on Software Engineering Theory and Practice (SETP-09), ISBN: 978-1-60651-013-1, Orlando, USA, pp. 84-91, 2009.
- 100) Zdravkova, K., Ivanović, M., **Putnik, Z.**:  
“*Evolution of Professional Ethics courses from Web Supported Learning towards E-learning 2.0*”,  
Learning in the Synergy of Multiple Disciplines - Lecture Notes in Computer Science, Volume 5794/2009, ISBN 978-3-642-04635-3, pp. 657-663, DOI: 10.1007/978-3-642-04636-0\_64, 2009.
- 101) Bothe, K., Schützler, K., Budimac, Z., **Putnik, Z.**, Ivanović, M., Stoyanov, S., Stoyanova-Doyceva, A., Zdravkova, K., Jakimovski, B., Bojic, D., Jurca, I., Kalpic, D. and Cico, B.:  
“*Experience with shared teaching materials for software engineering across countries*”  
Proc. of Informatics Education Europe IV, ISBN: 978-3-00-029314-6, IEE-IV 2009, Freiburg, Germany, pp. 57-62, 2009.
- 102) Ivanović, M., Welzer, T., **Putnik, Z.**, Hoelbl, M., Komlenov, Ž., Pribela, I., Schweighofer, T.:  
“*Experiences and privacy issues - usage of Moodle in Serbia and Slovenia*”  
Interactive Computer Aided Learning, ICL2009, ISBN: 978-3-89958- 481-3, Villach, Austria, pp. 416-423, 2009.
- 103) **Putnik, Z.**, Ivanović, M., Budimac, Z.:  
“*A Practical Model for Conversion of Existing Teaching Resources into Learning Objects*”  
MASAUM Journal of Computing (MJC), ISSN 2076-0833, (Volume.1, No.2) pp. 205-214, 2009.
- 104) Ivanović, M., **Putnik, Z.**, Sisarica, A., Budimac, Z.:  
“*A Note on Performance and Satisfaction of Female Students Studying Computer Science*”  
ITALICS, e-journal, The Higher Education Academy, Information and Computer Sciences, ISSN: 1473-7507, <http://www.ics.heacademy.ac.uk/italics/vol9iss1/pdf/paper04.pdf>, February 2010, (Vol. 9, Issue 1), 2010
- 105) Budimac, Z., Ivanović, M., **Putnik, Z.**, Komlenov, Ž., Pribela, I., Klašnja-Milićević, A., Vesin, B.:  
“*E-Learning At The Department Of Mathematics And Informatics – From The First Steps To Elements Of Web 2.0*”  
Proc. of the Conference “E-Learning, Way Towards Society of Knowledge”, Beograd, Serbia, pp. 94-98, 2010.

- 106) Budimac, Z., **Putnik, Z.**, Ivanović, M., Bothe, K., Schuetzler, K.:  
"On the Assessment and Self-assessment in a Students Teamwork Based Course on Software Engineering"  
Computer Applications in Engineering Education, ISSN: 1099-0542, Volume 19, Issue 1, pp 1–9,  
<http://onlinelibrary.wiley.com/doi/10.1002/cae.20249/pdf>, DOI: 10.1002/cae.20249, 2011.
- 107) Ivanović, M., Putnik, Z., Sisarica, A., Budimac, Z.:  
"THE IT GENDER GAP: Experience, Motivation and Differences in Undergraduate Studies of Computer Science",  
The Turkish Online Journal of Distance Education – TOJDE, ISSN 1302-6488, April 2011, Vol. 12,  
Nr. 2, Article 12, pp 170-186, <http://tojde.anadolu.edu.tr/tojde42/>, 2011
- 108) Ivanović, M., Putnik, Z., Budimac, Z.:  
"An Overview of Trends in Teachers Training and Advancements in Serbia",  
Proc. of 17th National Conference on Teaching of Informatics DidInfo 2011, Banska Bystrica,  
Slovakia, pp. 119-123, <http://didinfo.umb.sk>, 2011
- 109) Bothe, K., Budimac, Z., Putnik, Z., Ivanović, M., Stoyanov, S., Stoyanova-Doyceva, A., Ritzschke,  
M., Zdravkova, K., Jakimovski, B., Bojic, D., Jurca, I., Kalpic, D. and Cico, B.:  
"Joint Software Engineering Course Materials In A Multilateral Project",  
Proc. of Abstracts for Intl. Scientific-Technical Conference "Automated Control Systems and  
Modern Information Technologies", Tbilisi, Georgia, pp. 46, [http://www.gtu.ge/conf-  
mis/index\\_eng.php](http://www.gtu.ge/conf-mis/index_eng.php), 2011.
- 110) Budimac, Z., Ivanović, M., Putnik, Z., Bothe, K.:  
"Studies in Wonderland - Sharing of Courses, Lectures, Tasks, Assignments, Tests and Pleasure"  
Proc. of the 22nd EAEEIE Annual Conference, ISBN 978-961-248-281-7, 13<sup>th</sup>-15<sup>th</sup> June, Maribor,  
Slovenia, pp. 213-219, <http://eaeie2011.uni-mb.si/>, 2011.
- 111) Putnik, Z., Budimac, Z., Komlenov, Ž., Ivanović, M., Bothe, K.:  
"Wiki Usage in Team Assignments for Computer Science Students",  
ACM International Conference Proceeding Series, 578, ISBN: 978-1-4503-0917-2, Proc. Of  
CompSysTech'11, International Conference on Computer Systems and Technologies, 16-17. June,  
Vienna, Austria, pp. 596-601, <http://www.compsysstech.org/>, DOI:10.1145/2023607.2023706, 2011.
- 112) Budimac, Z., Putnik, Z., Ivanović, M., Bothe, K.:  
"A View on a Successful International Educational Project in Software Engineering",  
Proc. of IFIP TC2 Central and Eastern European Conference on Software Engineering Techniques  
2011, 25-26. August, Debrecen, Hungary, pp. 91-106, <http://cee-set.njszt.hu>
- 113) Zdravkova, K., Ivanović, M., Putnik, Z.:  
"Experience of Integrating Web 2.0 Technologies",  
Educational Technology Research & Development, ISSN - 1556-6501, <http://www.edmgr.com/etrd>,  
DOI: 10.1007/s11423-011-9228-z, Vol. 60, Nr. 2, pp. 361-381, 2012.
- 114) Ivanović, M., Putnik, Z., Budimac, Z., Bothe, K.:  
"Seven Years Experience with Teaching "Software Project Management" Course",  
Proc. of International Conference EDUCON2012, IEEE Conference Proceedings, ISBN: 978-4673-  
1455-8, ISSN: 2165-9559, Marrakesh, Morocco, 17-21. April, 2012, pp. 973-979,  
<http://www.educan-conference.org/educan2012/>
- 115) Komlenov, Ž., Budimac, Z., Putnik, Z., Ivanović, M.:  
"Wiki as a Tool of Choice for Students' Team Assignments",  
Int. J. of Information Systems & Social Change (IJISSC), ISSN: 1941-868X, Vol.4, No.3, pp.1-16,  
DOI: 10.4018/jissc.2013070101, <http://www.igi-global.com/ijissc>, 2013.

- 116) Bothe, K., **Putnik, Z.**, Cico, B.:  
"International Educational Cooperation – One Possible Model",  
Proc. of 5<sup>th</sup> Balkan Conference in Informatics, Novi Sad, Serbia, September 16-20. 2012., pp.76-81,  
DOI: 10.1145/2371316.2371332, ISBN: 978-1-4503-1240-0, <http://bci2012.bci-conferences.org/>
- 117) Budimac, Z., **Putnik, Z.**, Ivanović, M., Bothe, K.:  
"A View on a Successful International Educational Project in Software Engineering" ,  
e-Informatica Software Engineering Journal, ISBN: 978-83-7493-305-6; ISSN (print) 1897-7979;  
ISSN (electronic) 2084-4840, Vol. 6, Issue 1, pp. 47-59, DOI: 10.5277/e-Inf120104,  
<http://www.e-informatyka.pl/wiki/e-Informatica>
- 118) **Putnik, Z.**, Ivanović, M., Budimac, Z., Samuelis L.:  
"Wiki - A Useful Tool to Fight Classroom Cheating?" ,  
Advances in Web-Based Learning - ICWL 2012 , Lecture Notes in Computer Science, 2012,  
Volume 7558/2012, pp. 31-40, <http://link.springer.com/book/10.1007/978-3-642-33642-3/page/1>,  
DOI: 10.1007/978-3-642-33642-3\_4,
- 119) **Putnik, Z.**, Komlenov, Z., Ivanović, M., Budimac, Z.:  
"Student Assignments Performed Online – Assessment of Individual and Team Work" ,  
Proceedings of the 3<sup>rd</sup> Intl Conf on eLearning, (eLearning-2012), Beograd, Serbia, September 27-28.  
2012, (pp. 81–86) <http://econference.metropolitan.ac.rs/>
- 120) 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, Vol. 37, No. 3, (pp. 221-230),  
ISSN: 0350-5596, 2013, <http://www.informatica.si/index.htm>
- 121) Budimac, Z., Putnik, Z., Ivanović, M., Bothe, K.:  
"Transnational Cooperation in Higher Education in Balkan Countries",  
Novi Sad Journal of Mathematics, ISSN: 1450-5444, Vol. 43, No. 1, 2013, (pp. 167-177),  
<http://www.dmi.pmf.uns.ac.rs/nsjom>
- 122) **Putnik, Z.**, Budimac, Z., Ivanović, M.:  
"Experiences and Positive Effects of a Longlasting Successful International Educational Project",  
Info M 45/2013, (in Serbian), ISSN: 1451-4397, UDC 378.014.24:005.963(4), pp. 4-10,  
<http://www.infom.org.rs/>
- 123) **Putnik, Z.**, Budimac, Z., Ivanović, M., Bothe, K.:  
"Analysis of Students' Behaviour Based on Participation and Results Achieved in a Wiki-based  
Team Assignments",  
ACM International Conference Proceeding Series, Proceedings of the 6<sup>th</sup> Balkan Conference in  
Informatics, Thessaloniki, Greece, September 19-21. 2013., pp. 179-186, DOI:  
10.1145/2490257.2490277, <http://bci2013.bci-conferences.org/>
- 124) Ivanović, M., **Putnik, Z.**, Budimac, Z., Bothe, K., Zdravkova, K.:  
"Gender Influences on Studying Computer Science – Balkan Case",  
ACM International Conference Proceeding Series, Proceedings of the 6<sup>th</sup> Balkan Conference in  
Informatics, Thessaloniki, Greece, September 19-21. 2013., pp. 171-178, DOI:  
10.1145/2490257.2490286 <http://bci2013.bci-conferences.org/>
- 125) **Putnik, Z.**, Budimac, Z., Ivanović, M.:  
"With the Little Help From ... Our Students",  
Proceedings of the 4th Intl Conf on eLearning, (eLearning-2013), Beograd, Serbia, September 26-27.  
2013., (pp. 95-100), <http://econference.metropolitan.ac.rs/>

- 126) Budimac, Z., **Putnik, Z.**, Ivanović, M., Bothe, K., Zdravkova, K. and 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, (pp. 84-110),  
<http://www.irrodl.org/index.php/irrodl/article/view/1636/2811>
- 127) **Putnik, Z.:**  
"Prilozi razvoju elektronskog učenja – Mogućnosti konverzije nastavnih aktivnosti i materijala u elektronski oblik"  
PhD Thesis, Faculty of Science, Department of Mathematics and Informatics, (Novi Sad, Serbia),  
185 pages, 2014. (in Serbian)
- 128) Ivanović, M., Budimac, Z., **Putnik, Z.**, Komlenov, Ž.:  
"Encouraging Teamwork, Web 2.0 and Social Networking Elements in Distance Learning "  
Overcoming Challenges in Software Engineering Education: Delivering Non-Technical Knowledge  
and Skills, IGI Global, Hershey, USA, 2014, DOI: 10.4018/978-1-4666-5800-4.ch005, (pp. 26 - 45),  
2014.
- 129) Bothe, K., Kalpič, D., **Putnik, Z.**, Budimac, Z., Ivanović, M., Stoyanov, S., Stoyanova-Doycheva,  
A., Zdravkova, K., Jakimovski, B., Jurca, I., Nosovic, N., Cico, B.:  
"Maintaining Quality of Software Engineering Education by Creating a Shared Repository of  
Course Materials in a Multilateral Setting",  
Proceedings of the EDUCON2014 – IEEE Global Engineering Education Conference, 3-5 April  
2014, Istanbul, Turkey, 2014., <http://www.educon-conference.org/educon2014/>
- 130) Ivanović, M., **Putnik, Z.**, Mitrović, D., Stantić, B.:  
"Possible Routes on a Highway of eLearning – Promising Architecture for eLearning Systems",  
Proceedings of the 8th International KES Conference on Agents and Multi-agent Systems –  
Technologies and Applications, Chania, Greece, 18-20. June, 2014., (in print), <http://amsta-14.kesinternational.org/index.php>,

## H) Books and Booklets (In Serbian)

- 1) Budimac, Z., Ivanović, M., **Putnik, Z.**, Tošić, D.:  
"LISP by Examples",  
Department of Mathematics, Novi Sad, 254 pgs., 1991
- 2) Tošić, D., Budimac, Z., Ivanović, M., **Putnik, Z.** :  
"Mathematical and Programming Problems",  
Arhimedes, Beograd, 36 pgs., 1992
- 3) Ivanović, M., Budimac, Z., Tošić, D., **Putnik, Z.** :  
"Programerske glavolomke",  
Tehnička knjiga, Beograd, 200 pgs., 1992
- 4) Budimac Z., Ivanović, M., **Putnik, Z.** :  
"Introduction to Computers and MS-DOS Operating System",  
Department of Mathematics, Novi Sad, 126 pgs., 1998.
- 5) Budimac Z., **Putnik, Z.**, Jakelić, L., Komlenov, Ž., :  
"How to Produce Lessons in Software Tool Moodle – Teachers' Manual", booklet,  
Department of Mathematics and Informatics, Novi Sad, 58 pgs., 2007.
- 6) Budimac Z., **Putnik, Z.**, Ivanović, M., Pribela, I., :  
"How to Use Moodle – Students' Manual", booklet,  
Department of Mathematics and Informatics, Novi Sad, 29 pgs., 2007.
- 7) Budimac Z., Ivanović, M., **Putnik, Z.** :  
"Software Project Management ", booklet,  
Department of Mathematics and Informatics, Novi Sad, 227 pgs., 2007.
- 8) "Odabrana poglavlja iz softverskog inženjerstva i savremenih racunarskih tehnologija",  
Authors and Editors Mirjana Ivanović and Zoran Budimac,  
Department of Mathematics and Informatics, Novi Sad, 320 pgs., 2008.
- 9) "Cases On Challenges Facing E-Learning And National Development: Institutional Studies and Practice", (in English)  
Editor: Ugur Demiray, Co-Editors: L.Vainio, M.Can Sahin, G.Kurubacak, P.T.Lounaskorpi, S.R.Rao  
Anadolu University-2010, Eskisehir-Turkey, 1101 pgs., 2010.  
Electronic ISBN 978-975-98590-8-4 (1.c) 978-975-98590-7-7 (tk.)  
eBook available at: <http://www.midasebook.com/>
- 10) "Overcoming Challenges in Software Engineering Education: Delivering Non-Technical Knowledge and Skills", (in English)  
IGI Global, Hershey, USA, 2014, DOI: 10.4018/978-1-4666-5800-4.ch005, (pp. 26 - 45), 2014.



## I) *Congresses and Conferences*

- 1) VII International Symposium "Computer at the University", (Cavtat, Yugoslavia), 1985.
- 2) XII International Symposium "Computer at the University", (Cavtat, Yugoslavia), 1990.
- 3) Workshop on Algebraic and Topological Methods in Graph Theory, (Bled, Yugoslavia), 1991.
- 4) XIII International Conference "Information Technology Interface", (Cavtat, Yugoslavia), 1991.
- 5) XVI International Summer School "Programming '91", (Sofia, Bulgaria), 1991.
- 6) XI Yugoslav Seminar on Graph Theory, (Kragujevac, Yugoslavia), 1992.
- 7) International DECUS Turkiye Symposium, (Antalia, Turkey), 1992.
- 8) VI Conference on Logic and Computer Science "LIRA '92", (Novi Sad, Yugoslavia), 1992.
- 9) XXXVII Yugoslav Conference of ETAN, (Beograd, Yugoslavia), 1993.
- 10) International Conference on Combinatorics, (Kesthely, Hungary), 1994.
- 11) IX Conference on Applied Mathematics "PriM '94", (Budva, Yugoslavia), 1994.
- 12) XXXVIII Yugoslav Conference of ETRAN, (Niš, Yugoslavia), 1994.
- 13) IV Yugoslav Conference "Informatics in Education and New Information Technologies", (Novi Sad, Yugoslavia), 1994.
- 14) Panonian Applied Mathematical Meetings, (Göd, Hungary), 1994.
- 15) Conference "FILOMAT '94", (Niš, Yugoslavia), 1994.
- 16) 9. Kongres matematičara Jugoslavije, (Petrovac, Yugoslavia), 1995.
- 17) X Conference on Applied Mathematics "PriM '95", (Budva, Yugoslavia), 1995.
- 18) VII Conference on Logic and Computer Science "LIRA '95", (Novi Sad, Yugoslavia), 1995.
- 19) XXXIX Yugoslav Conference of ETRAN, (Zlatibor, Yugoslavia), 1995.
- 20) V Yugoslav Conference "Informatics in Education and New Information Technologies", (Novi Sad, Yugoslavia), 1995.
- 21) XI Conference on Applied Mathematics "PriM '96", (Budva, Yugoslavia), 1996.
- 22) XL Yugoslav Conference of ETRAN, (Budva, Yugoslavia), 1996.
- 23) VI Yugoslav Conference "Informatics in Education and New Information Technologies", (Apatin, Yugoslavia), 1996.
- 24) International Conference - CAL 97, University of Exeter, School of Education, Heavitree Road, Exeter, 1997.
- 25) Eight International PEG Conference, Sozopol, Bulgaria, 1997.

- 26) TeaDIS Workshop Education in HCI and HCI Curricula, Schaerding, Austria, 1997.
- 27) International Conference on Computer Ethics, Linkoping, Sweden, 1997.
- 28) EUROLOGO '97 Conference, Budapest, Hungary, 1997.
- 29) XLI Yugoslav Conference of ETRAN, (Zlatibor, Yugoslavia), 1997.
- 30) XXIV Seminar on Current Trends in Theory and Practice of Informatics, Milovy, Czech Republic, 1997.
- 31) XII Conference on Applied Mathematics "PriM '97", (Palić, Yugoslavia), 1997.
- 32) VII Yugoslav Conference "Informatics and Information Technologies, Theory and Practice", (Novi Sad, Yugoslavia), 1997.
- 33) EDUGRAPHICS '97 Conference, (Algarve, Portugal), 1997.
- 34) 9th International Conference of Society for Information Technology and Teacher Education, (Washington, DC USA), 1998.
- 35) ED-MEDIA & ED-TELECOM 98 World Conference on Educational Multimedia and Hypermedia and World Conference on Educational Telecommunications, (Freiburg, Germany), 1998.
- 36) XIII Conference on Applied Mathematics "PriM '98", (Igalo, Yugoslavia), 1998.
- 37) (CS)<sup>2</sup> Conference of PhD Students on Computer Science, (Szeged, Hungary), 1998.
- 38) Third ACM SIGPLAN International Conference on Functional Programming (ICFP'98), (Baltimore, Maryland, USA), 1998.
- 39) XLII Yugoslav Conference of ETRAN, (Vrnjačka banja, Yugoslavia), 1998.
- 40) 8th International Conference "Informatics in Education and New Information Technologies", (Belgrade, Yugoslavia), 1998.
- 41) Software Engineering Education Symposium SEES '98, (Poznan, Poland), 1998.
- 42) INFOFEST '98, (Budva, Yugoslavia), 1998.
- 43) 4th International Conference on Computer Science and Informatics, (New York, USA), 1998.
- 44) "YU INFO '99", (Kopaonik, Yugoslavia), 1999.
- 45) THAI-ETAIS - European Symposium on Telematics, Hypermedia and Artificial Intelligence in Education and Training for the New Professions in the Information Society, (Varese, Italy), 1999.
- 46) ITiCSE '99, Conference on Innovation and Technology in Computer Science Education, (Cracow, Poland), 1999.
- 47) 7th Interdisciplinary Symposium "Sport, Physical Activities and Health in the Third Millenium", (Novi Sad, Yugoslavia), 1999.
- 48) Panonian Applied Mathematical Meetings, (Göd, Hungary), 1999.
- 49) 3rd International Conference on Computational Intelligence and Multimedia Application "ICCIMA'99", (New Delhi, India), 1999.

- 50) 9th International Conference "Informatics in Education, Quality and New Information Technologies", (Zrenjanin, Yugoslavia), 2000.
- 51) "YU INFO 2000", (Kopaonik, Yugoslavia), 2000.
- 52) SCAM 2000 Conference in Applied Mathematics for undergraduate and graduate students, (Bratislava, Slovakia), 2000.
- 53) (CS)<sup>2</sup> Conference of PhD Students on Computer Science, Szeged, Hungary, 2000.
- 54) III International Conference on Theoretical Aspects of Computer Science, (Novi Sad, Yugoslavia), 2000.
- 55) XIV Conference on Applied Mathematics "PriM 2000", (Palić, Yugoslavia), 2000.
- 56) XV Scientific-Expert Meeting "Info-Teh 2000", (Vrnjačka Banja, Yugoslavia), 2000.
- 57) 4th World Multiconference on Systemics, Cybernetics and Informatics SCI2000 and 6th International Conference on Information Systems, Analysis and Synthesis ISAS 2000, (Orlando, Florida, USA), 2000.
- 58) 8th International Interdisciplinary Symposium "Sport, Physical Activities and Health of Young People", (Novi Sad, Yugoslavia), 2000.
- 59) 12th International Conference of Society for Information Technology and Teacher Education, (Orlando, Florida, USA), 2001.
- 60) 10. Kongres matematičara Jugoslavije, (Beograd, Yugoslavia), 2001.
- 61) "YU INFO 2001", (Kopaonik, Yugoslavia), 2001.
- 62) Conference "Application of Informatics in Yugoslav Army", (Beograd, Yugoslavia), 2001.
- 63) Computers and Learning 2001, CAL 2001, (Coventry, United Kingdom), 2001.
- 64) SCAM 2001 Conference in Applied Mathematics for undergraduate and graduate students, (Bratislava, Slovakia), 2001.
- 65) ITiCSE 2001, The 6th Annual Conference on Innovation and Technology in Computer Science Education, (Canterbury, UK), 2001.
- 66) ED-MEDIA 2001 World Conference on Educational Multimedia, Hypermedia & Telecommunications, (Tampere, Finland), 2001.
- 67) 5th World Multiconference on Systemics, Cybernetics and Informatics SCI2000, (Orlando, Florida, USA), 2001.
- 68) World Conference on the WWW and Internet WEBNET 2001, (Orlando, Florida, USA), 2001.
- 69) 4th International Conference on Computational Intelligence and Multimedia Application "ICCIMA'01", (Yokosuka City, Japan), 2001.
- 70) 1<sup>st</sup> Workshop on Software Engineering Education and Reverse Engineering, (Novi Sad, Yugoslavia), 2001.
- 71) XV Conference on Applied Mathematics "PriM 2002", (Zlatibor, Yugoslavia), 2002.

- 72) I Seminar on Teaching Computer Science "NaRa 2002", (Novi Sad, Yugoslavia), 2002.
- 73) 20th Annual AoM/Iaom Conference, (Quebec, Canada), 2002.
- 74) 12<sup>th</sup> International Conference on INDUSTRIAL SYSTEMS "IS 2002", (Vrnjačka banja, Yugoslavia), 2002.
- 75) 2<sup>nd</sup> Workshop on Software Engineering Education and Reverse Engineering, (Plovdiv, Bulgaria), 2002.
- 76) International Seminar "Mathematics And Sport", (Novi Sad, Yugoslavia), 2002.
- 77) X Interdisciplinary Symposium "Sport, Physical Activities and Health", (Novi Sad, Yugoslavia), 2002.
- 78) I Seminar on Usage of Computers in Education "RaNa 2003", (Novi Sad, Yugoslavia), 2003.
- 79) II Seminar on Teaching Computer Science "NaRa 2003", (Novi Sad, Yugoslavia), 2003.
- 80) 1<sup>st</sup> Balkan Conference in Informatics BCI 2003, (Thessaloniki, Greece), 2003.
- 81) Panonian Applied Mathematical Meetings, (Balaton, Hungary), 2003.
- 82) 3<sup>rd</sup> Workshop on Software Engineering Education and Reverse Engineering, (Ohrid, Macedonia), 2003.
- 83) 4<sup>th</sup> Workshop on Computational Intelligence and Information Technologies, (Niš, Serbia and Montenegro), 2003.
- 84) 4<sup>th</sup> Workshop on Software Engineering Education and Reverse Engineering, (Zagreb, Croatia), 2004.
- 85) 2<sup>nd</sup> International Conference "Informatics, Educational Technology and New Media in Education", (Sombor, Serbia and Montenegro), 2005.
- 86) 5<sup>th</sup> Workshop on Software Engineering Education and Reverse Engineering, (Baile Herculane, Romania), 2005.
- 87) 6<sup>th</sup> Workshop on Software Engineering Education and Reverse Engineering, (Ravda, Bulgaria), 2006.
- 88) 4<sup>th</sup> International Conference "Informatics, Educational Technology and New Media in Education", (Sombor, Serbia), 2007.
- 89) 3rd Balkan Conference in Informatics, BCI '2007, (Sofia, Bulgaria), 2007.
- 90) International Conference on Computer Systems and Technologies – CompSysTech '07, (Rousse, Bulgaria), 2007.
- 91) eLearning Conference "eLearning - Toward Effective Education and Training in the Information Society", (Bijela, Montenegro), 2007.
- 92) 7<sup>th</sup> Workshop on Software Engineering Education and Reverse Engineering, (Risan, Montenegro), 2007.
- 93) 6<sup>th</sup> International Symposium on Intelligent Systems and Informatics, (Subotica, Serbia), 2008.

- 94) 8<sup>th</sup> Workshop on Software Engineering Education and Reverse Engineering, (Durrës, Albania), 2008.
- 95) 1<sup>st</sup> International Conference on Computer Supported Education, (Lisboa, Portugal), 2009.
- 96) 4th Balkan Conference in Informatics (Thessaloniki, Greece), 2009.
- 97) International Conference on Software Engineering Theory and Practice (SETP-09), Orlando, USA, 2009.
- 98) 9<sup>th</sup> Workshop on Software Engineering Education and Reverse Engineering, (Neum, Bosnia and Herzegovina), 2009.
- 99) 4th European Conference on Technology Enhanced Learning “Learning in the Synergy of Multiple Disciplines”, EC-TEL 2009, Nice, France, 2009.
- 100) Informatics Education Europe IV, IEE-IV 2009, Freiburg, Germany, 2009.
- 101) Interactive Computer Aided Learning, ICL2009, Villach, Austria, 2009.
- 102) 10<sup>th</sup> Workshop on Software Engineering Education and Reverse Engineering, (Ivanjica, Serbia), 2010.
- 103) Conference “E-Learning, Way Towards Society of Knowledge”, Beograd, Serbia, 2010.
- 104) 17th National Conference on Teaching of Informatics DidInfo 2011, Banská Bystrica, Slovakia, 2011
- 105) 22nd EAEEIE Annual Conference, Maribor, Slovenia, 2011.
- 106) CompSysTech'11, International Conference on Computer Systems and Technologies, Vienna, Austria, 2011.
- 107) IFIP TC2 Central and Eastern European Conference on Software Engineering Techniques, Debrecen, Hungary, 2011.
- 108) IEEE EDUCON2012, "Collaborative Learning & New Pedagogic Approaches in Engineering Education", 2012, 17-21. April, Marrakesh, Morocco
- 109) 5<sup>th</sup> Balkan Conference in Informatics, September 16-20. 2012. , Novi Sad, Serbia
- 110) ICWL 2012, 11th International Conference on Web-based Learning, September 2-4. 2012., Sinaia, Romania
- 111) 3<sup>rd</sup> Intl Conf on eLearning, (eLearning-2012), September 27-28. 2012., Beograd, Serbia
- 112) 6<sup>th</sup> Balkan Conference in Informatics, September 19-21. 2013., Thessaloniki, Greece
- 113) 4<sup>th</sup> Intl Conf on eLearning, (eLearning-2013), September 26-27. 2013., Beograd, Serbia
- 114) IEEE EDUCON2014 – IEEE Global Engineering Education Conference, 3-5 April 2014, Istanbul, Turkey, 2014.
- 115) 8th International KES Conference on Agents and Multi-agent Systems – Technologies and Applications, Chania, Greece, 18-20. June, 2014.

## **J) *Research Contracts***

- 1) “Reverse Engineering and Cooperative Distributed Software Development” – subproject “Software Engineering Education”, Project supported by DAAD and Stability Pact for South Eastern Europe, 2001 – present.
- 2) “Technology Enhanced Learning and Software Engineering”, Multilateral project, University of Novi Sad, Faculty of Sciences, Novi Sad, Serbia; The Masaryk University, Faculty of Informatics, Brno, Czech Republic; and University of Macedonia, Department of Technology Management, Naousa, Greece, 2011.
- 3) “Towards a more useful software metrics tool”, bilateral project supported by Ministry of Science of Republic of Serbia, 2010-2012.
- 4) “Technology Enhanced Learning and Software Engineering”, multilateral project supported by Ministry of Science of Republic of Serbia, 2011.
- 5) “eLearning Support System With Application of Data Mining And Data Security”, bilateral project supported by Ministry of Science of Republic of Serbia, 2008-2010.
- 6) “Joint M.Sc Curriculum in Software Engineering”, Supported by Tempus, grant no. CD\_JEP 18035-2003, 2004-2007.
- 7) “Web-based course-supporting and e-learning system for courses in informatics”, Project supported by WUS Austria – Austrian Federal Ministry for Foreign Affairs eLearning project no. 005/06, 2006 - 2007.
- 8) Course Development Program for “Software Project Management”, Project supported by WUS Austria – Austrian Federal Ministry for Foreign Affairs CDP+ project no. 019/2006, 2006 – 2007.
- 9) Developing the Curricula for the Courses “Methodic of Informatics I” and “Methodic of Informatics II”, Project supported by WUS Austria – Austrian Federal Ministry for Foreign Affairs, 2003 – 2004.
- 10) Developing the Curricula for the Courses “Educational Software I” and “Educational Software II”, Project supported by WUS Austria – Austrian Federal Ministry for Foreign Affairs, 2003 – 2004.
- 11) “Usklađivanje plana i programa smera “Profesor informatike” sa preporukama Bolonjske deklaracije i evropskim integracijama u Univerzitetkom obrazovanju”, Project supported by Provincial Department of Education and Culture, 2003 – 2004.
- 12) 2002-2005, Development of (intelligent) techniques based on software agents for application in information retrieval and workflow, Project supported by Ministry of Science, Republic of Serbia, principal investigator Z.Budimac, project identification number 1844.
- 13) 2002-2005, Numerical Methods for Identifying and Managing Talents in Sport, Project supported by Ministry of Science, Republic of Serbia, principal investigator Lj. Cvetković, project identification number 1771.
- 14) 1996-2000, Mathematical structure with application. Project supported by Ministry of Science, Republic of Serbia, principal investigator D. Herceg, project identification number 04M05. Subproject Mathematical methods in informatics, subproject coordinator R. Tošić. (Matematičke strukture sa primenama. Projekt finansiran od Ministarstva za nauku, Republike Srbije, rukovodilac projekta D. Herceg, identifikacioni broj projekta 04M05. Potprojekat Matematičke metode u informatici, rukovodilac potprojekta R. Tošić.)

- 15) 1993-1995, Mathematical structure with application. Project supported by Ministry of Science, Republic of Serbia, principal investigator D. Herceg, project identification number 0413/93. Subproject Mathematical methods in informatics, subproject coordinator D. Surla. (Matematičke strukture sa primenama. Projekt finansiran od Ministarstva za nauku, Republike Srbije, rukovodilac projekta D. Herceg, identifikacioni broj projekta 0413/93. Potprojekat Matematičke metode u informatici, rukovodilac potprojekta D. Surla.)
- 16) 1992-1993, Mathematical structure with application. Project supported by Ministry of Science, Republic of Serbia, principal investigator O. Hadžić, project identification number 0413/92. Subproject Mathematical methods in informatics, subproject coordinator D. Surla. (Matematičke strukture sa primenama. Projekt finansiran od Ministarstva za nauku, Republike Srbije, rukovodilac projekta O. Hadžić, identifikacioni broj projekta 0413/92. Potprojekat Matematičke metode u informatici, rukovodilac potprojekta D. Surla.)
- 17) 1991-1992, Mathematical methods in informatics. Project supported by Science Fund of Autonomous Province Vojvodina, principal investigator D. Surla, project identification number V0401/91. (Matematičke metode u informatici. Projekat finansiran od Fonda za nauku Autonomne Pokrajine Vojvodine, rukovodilac projekta D. Surla, identifikacioni broj projekta V0401/91.)
- 18) 1989, Structure of the Education Software for the Teaching Mathematics. Project supported by Science Fund of Autonomous Province Vojvodina, principal investigator Đ. Paunić, project identification number V03231/89. (Struktura obrazovnog softvera za nastavu matematike. Projekat finansiran od Fonda za nauku Autonomne Pokrajine Vojvodine, rukovodilac projekta Đ. Paunić, identifikacioni broj projekta V03231/89.)
- 19) 1988-1992, Artificial intelligence with application. Project supported by Ministry of Science, Federal Republic of Yugoslavia, principal investigator R. Krtolica, project identification number 11S01/88. Subproject Languages of artificial intelligence, subproject coordinator D. Acketa. (Veštačka inteligencija sa primenama, podsticajni projekat Savezne Republike Jugoslavije, rukovodilac projekta R. Krtolica, identifikacioni broj projekta 11S01/88. Potprojekat Jezici veštačke inteligencije, rukovodilac potprojekta D. Acketa.)

## **K) Conferences Organized**

- 1) VI Conference on Logic and Computer Science "LIRA '92", (Novi Sad, Yugoslavia), 1992.
- 2) IX Seminar of Applied Mathematics "PriM '94", (Budva, Yugoslavia), 1994.
- 3) VII Conference on Logic and Computer Science "LIRA '95", (Novi Sad, Yugoslavia), 1995.
- 4) X Seminar of Applied Mathematics "PriM '95", (Budva, Yugoslavia), 1995.
- 5) XI Seminar of Applied Mathematics "PriM '96", (Budva, Yugoslavia), 1996.
- 6) 1<sup>st</sup> Workshop on Software Engineering Education and Reverse Engineering, (Novi Sad, Yugoslavia), 2001.
- 7) I Seminar on Teaching Computer Science "NaRa 2002", (Novi Sad, Yugoslavia), 2002.
- 8) International Seminar "Mathematics And Sport", (Novi Sad, Yugoslavia), 2002.
- 9) I Seminar on Usage of Computers in Education "RaNa 2003", (Novi Sad, Yugoslavia), 2003.
- 10) II Seminar on Teaching Computer Science "NaRa 2003", (Novi Sad, Yugoslavia), 2003.
- 11) Conference "Applied Linear Algebra – in honor of Richard Varga", "ALA 2005", (Palić, Serbia & Montenegro), 2005.
- 12) 1<sup>st</sup> Workshop of a TEMPUS Project "Joint M.Sc. Curriculum in Software Engineering", (Novi Sad, Serbia & Montenegro), 2005.
- 13) 7<sup>th</sup> Workshop on Software Engineering Education and Reverse Engineering, (Risan, Montenegro), 2007.
- 14) 3<sup>rd</sup> Workshop of the Special Interest Group „Model-Driven Software Engineering 2008”, Berlin, Germany (MDSE 08), 2008.
- 15) ADBIS 2010, Fourteenth East-European Conference on Advances in Databases and Information Systems, Novi Sad, Serbia, 2010.
- 16) 10<sup>th</sup> Workshop on Software Engineering Education and Reverse Engineering, (Ivanjica, Serbia), 2010.
- 17) 2<sup>nd</sup> Workshop on Software Quality Analysis, Monitoring, Improvement, and Applications, (Novi Sad, Serbia), 2013.



## L) *Miscellaneous*

- 1) Ivanović, M., Budimac, Z., **Putnik, Z.** :  
*"LispKit LISP System Version Null/SECD"*,  
software product, Authoring Bureau of Yugoslavia - Department for Republica Serbia, Copyright  
No. S-63/91, July 23., 1991
- 2) Bothe, K., **Putnik, Z.** :  
*Intensive Software Engineering Course at Polytechnic University Tirana*,  
part of a DAAD Project "Joint Course on Software Engineering", March 19.-24., 2007.
- 3) Bothe, K., **Putnik, Z.** :  
*Intensive Software Engineering Course at Polytechnic University Tirana*,  
part of a DAAD Project "Joint Course on Software Engineering", April 18.-28., 2008.
- 4) Bothe, K., **Putnik, Z.** :  
*Intensive Software Engineering Course at Polytechnic University Tirana*,  
part of a DAAD Project "Joint Course on Software Engineering", June 20.-29., 2009.
- 5) Managing Editor of an International Journal "Computer Science and Information Systems" ComSIS  
(M-28 - 2), since June, 2009.
- 6) Bothe, K., **Putnik, Z.** :  
*Intensive Software Engineering Course at Polytechnic University Tirana*,  
part of a DAAD Project "Joint Course on Software Engineering", May 31-June 05., 2010.
- 7) Bothe, K., Putnik, Z. :  
*Intensive Software Engineering Course at Polytechnic University Tirana*,  
part of a DAAD Project "Joint Course on Software Engineering", June 18.-28., 2011.
- 8) Bothe, K., Putnik, Z. :  
*Intensive Software Engineering Course at Polytechnic University Tirana*,  
part of a DAAD Project "Joint Course on Software Engineering", June 2.-10., 2012.
- 9) Bothe, K., Putnik, Z. :  
*Intensive Software Engineering Course at Polytechnic University Tirana*,  
part of a DAAD Project "Joint Course on Software Engineering", June 1.-9., 2013.

## M) *Memberships*

- 1) European Association for Programming Languages and Systems, Member Nr. W13266,  
<http://www.eapls.org>
- 2) ACM Computer Science Teachers Association, Membership number: 6500292, <http://csta.acm.org>
- 3) EDUCAUSE, Association for Advancement of Higher Education by promoting intelligent use of IT,  
<http://www.educause.edu>