Ime, ime oca / majke i prezime:	Milena, Slobodan, Bogdanović
Kontakt e-mail:	milena.bogdanovic@metropolitan.ac.rs
Kontakt telefon:	+381 69 421 31 35
Naziv i adresa Naučne institucije	Beograd, Univerzitet Metropolitan
tokom realizacije Projekta:	Tadeuša Košćuška 63, 11000 Beograd, Srbija

BIOGRAFIJA

LIČNE INFORMACIJE	Mesto rođenja	Vranje, Republika Srbija
	Datum rođenja	20.01.1969.
	Nacionalnost	Srpkinja

OBRAZOVANJE	**Doktor računarstva** - stepen VIII 1, 2008-2010. Matematički fakultet, Beograd, Srbija Disertacija pod naslovom: ***Rešavanje problema maksimalnog ograničenja stepena podgrafova u računarstvu, kao prilog teoriji grafova***, 2010, Matematički fakultet, Beograd, Srbija **Rukovodioci (mentor i komentor) doktorske disertacije** Vladimir Filipović, redovni profesor, Matematički fakultet, Beograd Jozef Kratica, naučni savetnik, Matematički institut, SANU, Beograd **Magistar matematičkih nauka**, stepen VII 2, 1995-2001. Prirodno matematički fakultet, Niš, Srbija Magistarska teza: ***Direktabilni automati, njihova uopštenja i specijalizacije***, 2001, Prirodno matematički fakultet, Niš, Srbija **Rukovodilac (mentor) magistarske teze** Miroslav Ćirić, redovni profesor, Prirodno matematički fakultet, Niš, Srbija **Diplomirani matematičar računarstva i informatike**, osnovne studije, stepen VII 1, 1987-1994, Prirodno-matematički fakultet, Beograd, Srbija

RADNO ISKUSTVO	Vanredni profesor Fakultet informacionih tehnologija, Beograd, Univerzitet Metropolitan	Oktobar 2019.-
	Docent Pedagoški fakultet, Vranje Univerzitet u Nišu	Jun 2011- Sep. 2019.

	Asistent pripravnik i asistent Pedagoški fakultet, Vranje Univerzitet u Nišu	Nov. 1995- Maj 2011.
	Profesor u Srednjoj ekonomsko-trgovinskoj školi u Vranju	Sep. 1994-Okt. 1995.
OBLASTI ISTRAŽIVANJA	● **Teorija grafova** ● **Diskretna matematika** ● **Metaheuristike (Genetski algoritmi)** ● **Teorija automata (Direktabilni automati)** ● **Primenjena matematika**	
	Javni profili https://scholar.google.com/citations?user=I90PUMEAAAAJ&hl=sr https://scholar.google.com/scholar?hl=sr&as_sdt=0%2C5&q=milena+bogdanovic+vranje&btnG https://www.researchgate.net/profile/Milena_Bogdanovic https://scindeks.ceon.rs/SearchResults.aspx?query=ARTAU%26and%26Bogdanovi%25c4%2587%2bMilena&page=0&sort=1&stype=0	

Uređivanje časopisa:

1. Member of the editorial boards of international journals – International Journal of Computer Systems and Applications – Inernational Scientific Press, član uređivačkog odbora, od 2011.
2. Member of the editorial boards of international journals – International Journal of Cognitive Research in Science, Engineering and Education (IJCRSEE), član uređivačkog odbora, 2013.
3. Member of the revieweurs boards of international journals - International Journal of Computer and Information Technology (IJCIT), од 2013.
4. Member of the editorial boards of international journals –Asia Pacific Journal of Mathematics (APJM), члан уређивачког одбора, од 2014.
5. Član redakcije međunarodnog časopisa –Godišnjak, Učiteljskog fakulteta u Vranju

	6. Member of the revieweurs boards of international journals - Creative Education (CE), Scientific Research Publishing, od 2014.
	7. Član redakcije Tematskog zbornika **Savremene tendencije u nastavnim i vannastavnim aktivnostima na učiteljskim (pedagoškim) fakultetima,** Univerzitet u Nišu, Učiteljski fakultet u Vranju, 2014. ISBN 978-86-6301-011-6, COBISS.SR-ID 207648268
	8. Član redakcije Tematskog zbornika *Mesto i uloga učitelja u savremenom društvu,* objavljenog 2018. godine u izdanju Pedagoškog fakulteta u Vranju. ISBN 978-86-6301-026-0, COBISS.SR-ID 271582476

Recenzije radova

Međunarodni časopisi i konferencije (skupovi)	**Broj recenzija**
The Open Applied Physics Journal	1
Optimization Letters	1
Science and Information Conference 2013, October 7-9, 2013, London, UK	6
Science and Information Conference 2014, August 27-29, 2014, London, UK	7
Creative Education (CE), Scientific Research Publishing	1
International Journal of Cognitive Research in Science, Engineering and Education	1
Science and Information Conference 2015, June 10-12, 2015, London, UK	11
Asian Journal of Mathematics and Computer Research	1
Swarm and Evolutionary Computation	3
SAI Computing Conference 2016, July 13-15, 2016, London, UK	4
International Journal of Advanced Computer Science and Applications	19
IntelliSys 2016 Conference, 20-22 September 2016, London, UK	9
IntelliSys 2017 Conference, 7-8 September 2017, London, UK	9
Future Technologies Conference (FTC) 2017, 29-30 November 2017, Vancouver, BC, Canada	5

RAČUNARSKE VEŠTINE: Potpuna računarska pismenost, upotreba elektronskih usluga, rad sa bazama podataka, programiranje, poznavanje programskih jezika Pascal, Fortran 77, SQL +, C, C ++, Prolog, Smalltalk, korišćenje Interneta, LaTex.

JEZICI
- srpski (maternji jezik)
- engleski jezik (profesionalno znanje)
- francuski jezik (profesionalno znanje)

PROJEKTI	**1996-2000**, Metode i modeli u teorijskoj industriji i primenjenoj matematici (potprojekt 04M03V-Algebra)
	2007-2008, Škola u prirodi, interni projekat Učiteljskog fakulteta
	2007-2008, Vežbaonice, interni projekat Učiteljskog fakulteta

	2011-2012, Književnost za decu i njena uloga u vaspitanju i obrazovanju dece predškolskog i školskog uzrasta, interni projekat Učiteljskog fakulteta **2014-** Wiki Student **Decembar 2017-Maj 2018.** - Razvoj elektronske podrške akreditovanom SP diplomske akademske studije za obrazovanje vaspitača Pedagoškog fakulteta Univerziteta u Nišu, uvođenjem izbornog modula *Edukator za rad sa starijim osobama* - PROJEKAT U OKVIRU PROGRAMSKE AKTIVNOSTI 0014 „RAZVOJ VISOKOG OBRAZOVANJA", Ministarstva prosvete, nauke i tehnološkog razvoja – Sektor za razvoj i visoko obrazovanje
	Autor tri monografije, jednog univerzitetskog udžbenika, dva praktikuma i jedne zbirke zadataka, preko 60 naučnih i stručnih radova, objavljenih u renomiranim i časopisima kategorija M20, M50, učestvovala na preko 30 domaćih i međunarodnih naučnih konferencija, recenzirala preko 75 naučnih radova . Član Jugoslovenskog društva za primenjenu i industrijsku matematiku (JUPIM) http://www.mi.sanu.ac.rs/societies/jupim/indmem.htm
Knjige i udžbenici	1. **M. Bogdanović,** *Informatika u obrazovanju,* priručnik, Univerzitet u Nišu, Učiteljski fakultet, Vranje, 2009. ISBN 978-86-82695-65-3 COBISS.SR-ID 167748108 2. **M. Bogdanović,** *Zadaci iz Matematike 1 za studente Učiteljskog fakulteta,* zbirka zadataka, Univerzitet u Nišu, Učiteljski fakultet, Vranje, 2010. ISBN 978-86-82695-73-8, COBISS.SR-ID 179267084 3. **Bogdanović, Milena S**., *Metaheuristika genetski algoritam i neki NP-kompletni problemi iz teorije grafova,* Univerzitet u Nišu, Učiteljski fakultet, Vranje, 2013. UDK 519.17, ISBN 978-86-82695-99-8, COBISS.SR-ID 196397836 4. **Milena Bogdanović,** GENETIC ALGORITHMS AND THE OPTIMIZATION PROBLEMS IN GRAPH THEORY, LAP LAMBERT Academic Publishing, Germany, 2013. ISBN 978-3-659-35329-1 5. **Milena Bogdanović**, *Classes directable automata and application of GA in Automata Theory, LAP LAMBERT Academic Publishing, 2018.* ISBN: 978-613-5-79182-5 6. **Milena Bogdanović**, Marko Stanković, Marija Tasić, *Elementarni matematički pojmovi – teorija i zadaci,* 2019. Pedagoški fakultet u Vranju, ISBN 978-86-6301-031-4, COBISS.SR-ID 279809804 7. **Milena Bogdanović,** Marija Tasić, *Praktikum iz Informatike,* 2021. Pedagoški fakultet u Vranju, ISBN 978-86-6301-043-7, COBISS.SR-ID 51784969
Radovi u međunarodnim časopisima	**Radovi u međunarodnim časopisima** - lista odabranih publikacija a.1 **Bogdanović M.,** *„An ILP formulation for the maximum degree-bounded connected subgraph problem",* Computers & Mathematics with Applications, 59, No.9, pp. 3029-3038 (2010). Doi: 10.1016/j.camwa.2010.02.021 a.2 **Milena Bogdanović,** *On finite π-directable automata,* International Journal of Applied Mathematics and Computation, Volume 3(4), pp. 256-259, 2011. http://ijamc.psit.in ISSN 0974 - 4665 (print version) ISSN 0974 - 4673 (electronic version) a.3 SIMIĆ, Ana; **BOGDANOVIĆ, Milena**; MILOŠEVIĆ, Jelisavka. *The binary locating-dominating number of some convex polytopes.* **ARS MATHEMATICA CONTEMPORANEA**, [S.l.], v. 13, n. 2, p. 367-377, mar. 2017. ISSN 1855-3974. Available at: <http://amc-journal.eu/index.php/amc/article/view/973>. Date accessed: 25 Mar. 2017

a.4 Aleksandar Lj. Savić, Zoran Lj. Maksimović, **Milena S. Bogdanović,** *The Open-Locating-Dominating Number of Some Convex Polytopes,* Filomat 32:2(2018), pp. 635-642, Faculty of Sciences and Mathematics, University of Niš, Serbia. https://doi.org/10.2298/FIL1802635.

a.5 **Bogdanović Milena**, Maksimović Zoran, Simić Ana, Milošević Jelisavka, *A mixed integer linear programming formulation for low discrepancy consecutive k-sums permutation problem*, Yugoslav Journal of Operations Research, 27 (2017), Number 1, pp.125-132, OnLine-First DOI:10.2298/YJOR160104005B

a.6 ANA SIMIĆ, **MILENA BOGDANOVIĆ**, ZORAN MAKSIMOVIĆ AND JELISAVKA MILOŠEVIĆ, *Fault-tolerant metric dimension problem: A NEW INTEGER LINEAR PROGRAMMING FORMULATION AND EXACT FORMULA FOR GRID GRAPHS,* Kragujevac Journal of Mathematics Volume 42(4) (2018), Pages 495–503.

a.7. Zoran Maksimović, Aleksandar Savić, **Milena Bogdanović,** The CONVEX AND WEAK CONVEX DOMINATION NUMBER OF CONVEX POLYTOPES, Revista de la Unión Matemática Argentina, (accepted for publication) https://doi.org/10.33044/revuma.1739

a.8. **Bogdanović Milena**, Maksimović Zoran, Simić Ana, Milošević Jelisavka, *A mixed integer linear programming formulation for low discrepancy consecutive k-sums permutation problem*, Yugoslav Journal of Operations Research, 27 (2017), Number 1, pp.125-132, OnLine-First DOI:10.2298/YJOR160104005B

a.9. ANA SIMIĆ, **MILENA BOGDANOVIĆ**, ZORAN MAKSIMOVIĆ AND JELISAVKA MILOŠEVIĆ,*FAULT-TOLERANT METRIC DIMENSION PROBLEM: A NEW INTEGER LINEAR PROGRAMMING FORMULATION AND EXACT FORMULA FOR GRID GRAPHS,* Kragujevac Journal of Mathematics Volume 42(4) (2018), Pages 495–503.

a.10. **Milena Bogdanović, Ph.D.,** *Some remarks on the π-directable automata and definite automata: a survey,* Godišnjak Učiteljskog fakulteta, knjiga 6, str. 83-90, Vranje, 2015. ISSN 1820-3396, COBISS.SR-ID 174488844, UDK 519.17, doi:10.5937/gufv1506083B

a.11. M. Stanković, Đ. Stakić, **M. Bogdanović,** M. Jordanović, *VIKIPEDIJA KAO MOGUĆNOST ZA INOVACIJE U NASTAVI INFORMATIKE NA PRIMERU UČITELjSKOG FAKULTETA,* stručne informacije, Inovacije u nastavi (Teaching innovations), XXVIII, 2015/4, str. 114-120, Beograd, 2015. ISSN 0352-2334 (Štampano izdanje) ISSN 2335-0806 (Online) COBISS.SR-ID 4289026

a.12. **Milena BOGDANOVIĆ**, *A SURVEY ON SOME POSSIBILITIES FOR APPLICATIONS OF GENETIC ALGORITHMS IN THE AUTOMATA THEORY*, str. 79-89, Godišnjak Pedagoškog fakulteta u Vranju, knjiga VII, 2016. UDK 510.53 512.54.05, ISSN 2466-3905, COBISS.SR-ID=221686284

a.13. **Milena Bogdanović,** Marko Stanković, Marija Jordanović, *Some comments on isometries of sphere S^2,* str. 65-73, Godišnjak Pedagoškog fakulteta u Vranju, knjiga VIII, 1/2017, 2017. UDK 514.113.6 511.84, ISSN 2466-3905, COBISS.SR-ID=221686284

a.14. **Milena Bogdanović,** *The most important aspects and operators of genetic algorithms as a stohastic method for solving optimization problems,* str. 101-108, Godišnjak Pedagoškog fakulteta u Vranju, knjiga IX, 2/2018. 2018. UDK 004.021, ISSN 2466-3905, COBISS.SR-ID=221686284

a.15. Đorđe Stakić, Marija Tasić, Marko Stanković, **Milena Bogdanović**, *Students' Attitudes Towards the Use of Wikipedia: A Teaching Tool and a Way to Modernize Teaching*, May 2021 Área Abierta 21(2):309-325, DOI: 10.5209/arab.72760

Međunarodne konferencije i naučni skupovi	**Međunarodne konferencije i naučni skupovi** - lista odabranih publikacija

1. **M. Bogdanović**, *Electronic resourses of Information in preparation and implementation Class teaching,* Proceedings of the International Conference **Information technology and development of Education ITRO 2012,** pp. 254-259, Technical faculty „Mihajlo Pupin", Zrenjanin, June 2012.

2. **Milena Bogdanović,** *Information and communication literacy - the need and necessity,* ICTT 2013-**2013 International Conference on Technology Transfer** under the framework of the TEMPUS project 158881-RS-JPHES **Proceedings,** pp. 91-97, University of Niš, 2013. ISBN 978-86-6125-083-5

3. Zoran Maksimović, Jozef Kratica, Aleksandar Savić, **Milena Bogdanović**, *Some Static Roman Domination Numbers for Flower Snarks,* XIII Balkan Conference on Operational Research, BALCOR 2018, Belgrade, 25-28 May, 2018. – Proceedings, pp. 9-16, The Mathematical Institute of the –Serbian Academy of Sciances and Arts (SANU), Belgrade, ISBN: 978-86-80593-64-7

4. Zoran Maksimović, **Milena Bogdanović,** Jozef Kratica, Aleksandar Savić, *Open-locating-dominating number of generalized Petersen graphs,* XIV Symposium on Operations Research, International Regional Symposium, PROCEEDINGS SYM-OP-IS 2018. 16-18.09.2018. Zlatibor, p. 75-78, Faculty of Economics, Belgrade, UDK 519.8(082)(0.034.2), ISBN 978-86-403-1567-8, COBISS.SR-ID 269629708

5. Nemanja Zdravković, **Milena Bogdanović**, Miroslav Trajanović, Vijayakumar Ponnusamy, *Implementing Blockchain Technology for Health-related Early Response Service in emergency situations,* International Conference on Deep Learning, Computing and Intelligence – 2021. It is organized by the Department of Information Technology, SRMIST, during 7th and 8th January, 2021. http://icdci2021.com/

6. Nikola Dimitrijević, **Milena Bogdanović,** *Applying Blockchain Technology in eLearning systems: Overview, Analysis and Potential Solutions,* 11th International Conference on Information Society and Technology (ICIST 2021), in conjunction with the 27th YUINFO 2021 Conference, Kopaonik, Serbia on Mar 7-10, 2021

7. NIKOLA DIMITRIJEVIĆ, **MILENA BOGDANOVIĆ,** *A system for interactive learning advanced topics in data structures,* PROCEEDINGS The Twelfth International Conference on e-Learning, 23 - 24 September 2021, Belgrade, Serbia, Belgrade Metropolitan University, pp. 125-130, ISBN 978-86-89755-21-3, COBISS.SR-ID 46819081

8. NIKOLA DIMITRIJEVIĆ, ALEKSANDAR MESTEROVIĆ, **MILENA BOGDANOVIĆ**, NEMANJA ZDRAVKOVIĆ, *Fraud detection and malicious code injection analysis in autograding systems,* PROCEEDINGS The Twelfth International Conference on Business Information Security, (BISEC-2021), 3rd December 2021, Belgrade, Serbia, Belgrade Metropolitan University, pp. 81-85, ISBN 978-86-89755-22-0, COBISS.SR-ID 54086153

9. **MILENA BOGDANOVIĆ**, NIKOLA DIMITRIJEVIĆ, VIJAYAKUMAR PONNUSAMY, *On some application of the genetic algorithm in information security systems – a survey,* PROCEEDINGS The Twelfth International Conference on Business Information Security, (BISEC-2021), 3rd December 2021, Belgrade, Serbia, Belgrade Metropolitan University, pp. 86-91, ISBN 978-86-89755-22-0, COBISS.SR-ID 54086153