

Marina Milovanović

Redovni profesor

Fakultet za preduzetnički biznis i menadžment nekretnina

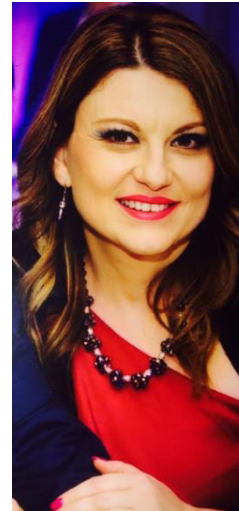
Univerzitet „Union – Nikola Tesla“

Cara Dušana 62–64

Beograd, Serbia

e-mail: mmilovanovic@unionnikolatesla.edu.rs

tel: +381 641302691



OBRAZOVANJE

2014	Doktor matematičkih nauka, studijski program - matematika Prirodno – matematički fakultet, Univerzitet u Kragujevcu, Kragujevac, Srbija
2008	Doktor ekonomskih nauka, oblast Finansijska matematika Fakultet za preduzetnički biznis, Univerzitet „Union“, Beograd, Srbija
2005	Magistar Matematički fakultet, Univerzitet u Beogradu, Beograd, Srbija
2000	Diplomirani matematičar Matematički fakultet, Univerzitet u Beogradu, Beograd, Srbija

NASTAVNO / NAUČNO ZVANJE

2018 -	Redovni profesor	Univerzitet „Union – Nikola Tesla“ Beograd, Srbija
2013 - 2018	Vanredni profesor	Univerzitet „Union – Nikola Tesla“ Beograd, Srbija
2008 - 2013	Docent	Univerzitet „Union – Nikola Tesla“ Beograd, Srbija
2008 - 2006	Asistent	Univerzitet „Union – Nikola Tesla“ Beograd, Srbija
2001 - 2006	Asistent i asistent pripravnik	Šumarski fakultet, Univerzitet u Beogradu, Srbija

STRUČNO ISKUSTVO

2006 -	Asistent, Docent, Vanredni profesor, Redovni profesor, Univerzitet „Union – Nikola Tesla“ Beograd, Srbija
--------	---

2000 – 2001 Istraživač saradnik, Računski centar, Matematički fakultet, Univerzitet u Beogradu, Beograd, Srbija

ČLANSTVA U STRUKOVNIM I AKADEMSKIM UDRUŽENJIMA

2021 - Međunarodna konferencija o održivoj životnoj sredini i tehnologijama "Kreirajmo održivu zajednicu", Univerzitet "Union - Nikola Tesla", Beograd, Srbija

2021 - Međunarodni naučno-stručni skup. „Industrijsko inženjerstvo i zaštita životne sredine“ IIZS, Tehnički fakultet "Mihajlo Pupin", Zrenjanin, Srbija

ISTRAŽIVAČKI PROJEKTI

2008 - 2010 Ministarstvo prosvete, nauke i tehnološkog razvoja Republike Srbije, Broj projekta: EE18031, Konceptijske optimizacije u projektovanju uz pomoć fazi logike i ekspertskih sistema, naučno-istraživački projekat tehničko-tehnološkog razvoja za oblast energetska efikasnost, obnovljivi izvori energije i održivi razvoj

2003 - 2006 Ministarstvo za nauku i zaštitu životne sredine Republike Srbije, Broj projekta: 6934, Osnovne ekološke i proizvodne karakteristike tipova šuma nacionalnih parkova Đerdap i Tara, tehnološki razvoj

2005 GIS in forest management and planning Serbia and Montenegro – Norwegian forestry group

2005 - 2006 Ministarstvo za nauku i zaštitu životne sredine Republike Srbije, Broj projekta: 361003, Proizvodnja drvnih sortimenata velike vrednosti u visokim hrastovim šumama na principima održivog razvoja, nacionalni projekat-program biotehnologije i agroindustrije

USAVRŠAVANJA

2002 DAAD stipendija i specijalizacija, Albert-Ludwigs Univerzitet Freiburg, Nemačka

ODABRANE PUBLIKACIJE

Perišić, J., **Milovanović, M.**, Vrbanac, M., Petrović, I., & Božilović Đokić, D. (2023) Implementation of semantic mapping of relational databases. *The third international conference on sustainable environment and technologies "Create sustainable commUNiTy"*. University "Union-Nikola Tesla", Belgrade, pp. 261-272.

Milovanović, M., Perišić, J., Petrović, I., Vrbanac, M., & Božilović Đokić, D. (2023). Usefulness of SPSS support in higher education teaching. *The third international conference on sustainable environment and technologies "Create sustainable commUNiTy"*. University "Union-Nikola Tesla", Belgrade, pp. 227-232.

Stoimenov, S. **Milovanović, M.,** Vrbanac, M., & Perišić, J. (2022). Application of information technologies in public utility company „Naissus“Nis. *The second international conference on sustainable environment and technologies "Create sustainable commUNiTy"*, University "Union-Nikola Tesla", Belgrade, pp. 337-346.

Perišić, J., **Milovanović, M.,** Ristić, M., Vidaković, J., & Radovanović, L. (2021). Process Analysis of a Tank Management System. In *Experimental and Computational Investigations in Engineering: Proceedings of the International Conference of Experimental and Numerical Investigations and New Technologies, CNNTech 2020* (pp. 362-377). Springer International Publishing.

Ćosić, B., **Milovanović, M.,** Vrbanac, M., & Petrović, I. (2020). *Analiza amortizacije kredita: stambeni krediti – studija slučaja Telekom Srbija AD.*, Beograd: Zbornik radova Univerziteta "Union – Nikola Tesla", broj 1, pp. 463-485.

Perišić, J., **Milovanović, M.,** Vrbanac, M., Božilović, Z., Radovanović, Lj., & Ristić, M. (2019). Semantic Mapping Data Using D2R Server, *1. Interantional symposium on implementations of digital industry and management of digital transformation*, Selcuk University, Konya, Turkey, pp. 85-98.

Perišić, J., **Milovanović, M.,** Vrbanac, M., Božilović, Z., Radovanović, Lj., & Ristić, M. (2019). Modeling Ontology And Semantic Rules For Moodle LMS Adaptation, *1. Interantional symposium on implementations of digital industry and management of digital transformation*, Selcuk University, Konya, Turkey, pp. 99-115.

Vujnović, G., Perišić, J., Božilović Z., **Milovanović, M.,** Getman R.V., & Radovanović, Lj. (2019). Using SCADA system for process control in water industry. *Acta technica corviniensis - Bulletin of Engineering, Faculty of Engineering – Hunedoara*, University Politehnica Timisoara, XII/2, pp. 67-73.

Milovanović, M., Perišić, J., Božilović, Z., Vrbanac, M. & Radovanović, Lj. (2019). Integrating Technology in a Statistics Course. In *2nd International Conference on Agriculture, Technology, Engineering and Sciences (ICATES 2019)*, Lviv, Ukraine, pp. 22-29.

Perišić, J., **Milovanović, M.,** Božilović, Z., Ristić, M., & Radovanović, Lj. (2019). SCADA for tank management system in refineries. In *IX International Conference Industrial Engineering and Environmental Protection (IIZS 2019)*, Technical faculty "Mihajlo Pupin" Zrenjanin, University of Novi Sad, Zrenjanin, Serbia, pp. 203-211.

Zakić, N., Bugarčić, M., & **Milovanović, M.,** (2018). Proclivity for open innovation in the case of agricultural and food companies in Serbia. *International Review*. Faculty of Business Economics and Entrepreneurship, Belgrade, Serbia.

Perisic, J., **Milovanovic, M.,** Petrovic, I., Radovanovic, L., Ristic, M., Speight, J. G., & Perisic, V. (2018). Application of a master meter system to assure crude oil and natural gas quality during transportation. *Petroleum Science and Technology*, 36(16), 1222-1228.

Radovanovic, L., Perisic, J., **Milovanovic, M.**, Speight, J. G., Bozilović, Z., Momcilovic, O., & Obucinski, D. (2018). Modeling of petroleum products sampling processes. *Petroleum Science and Technology*, 36(23), 2003-2010.

Perišić, J., **Milovanović, M.**, & Kazi, Z. (2018). A semantic approach to enhance moodle with personalization. *Computer Applications in Engineering Education*, 26(4), 884-901.

Vujnović, G., Perišić, J., **Milovanović, M.**, & Radovanović, Lj. (2018). Using Scada applications in water supply sistem. *Acta technica corviniensis - Bulletin of Engineering*, Faculty of Engineering – Hunedoara, University Politehnica Timisoara, XI(1), pp. 119-123.

Perišić J., & **Milovanović M.** (2018). Using information technology application in education at faculties. In MEFkon, Innovation as an initiator of the development “Innovations-basis for development”. *International Thematic Monograph – Thematic Proceedings University Business Academy in Novi Sad*, Faculty of Applied Management, Economy and Finance Belgrade, pp. 44-62.

Perišić, J., **Milovanović, M.**, Ravić, S., Stošić, I., Radovanović, Lj., & Ristić, M. (2017). Ontology for personalization e-learning process in engineering education. In *VII International Conference Industrial Engineering and Environmental Protection IIZS 2017*, Technical faculty "Mihajlo Pupin" Zrenjanin, University of Novi Sad, Zrenjanin, Serbia, pp. 16-23.

Milovanović, M., Perišić, J., Vrbanac, M., Stošić, I., & Ristić, M. (2017). Computer tools in engineering education – example of macromedia flash. *Acta technica corviniensis - Bulletin of Engineering*, Faculty of Engineering – Hunedoara, University Politehnica Timisoara, X(1), pp. 77-81.

Perisic, J., **Milovanovic, M.**, Petrovic, I., Radovanovic, L., Ristic, M., Bugarcic, M., & Perisic, V. (2016). A brine mixing mobile unit in oil and gas industry-An example of a cost-effective, efficient, and environmentally justified technical solution. *Energy Sources, Part A: Recovery, Utilization, and Environmental effects*, 38(23), 3470-3477. doi: 10.1080/15567036.2016.1153752.

Perišić, J., **Milovanović, M.**, & Bugarčić, J. (2016). Implementation of information systems and online business in tourism, *The sixth international biennial congress HOTELPLAN*, The college of hotel management, Journal for theory and practice of hotel industry, Belgrade, Serbia, 17(27-28), pp. 20-30.

Perišić, J., **Milovanović, M.**, Bugarčić, M., Vrbanac, M., & Ristić, M. (2016). Using semantic web based tools in engineering education, *VI International Conference Industrial Engineering And Environmental Protection (IIZS 2016)*, Technical faculty "Mihajlo Pupin" Zrenjanin, University of Novi Sad, Zrenjanin, Serbia, pp. 1-7.

Milovanović, M., Perišić, J., Vrbanac, M., Stošić, I., & Ristić, M. (2016). Computer tools in engineering education – example on macromedia flash, *VI International Conference Industrial Engineering And Environmental Protection (IIZS 2016)*, Technical faculty "Mihajlo Pupin" Zrenjanin, University of Novi Sad, Zrenjanin, Serbia, pp. 312-317.

Milovanović, M. (2015). *Interaktivna multimedija u nastavi matematike*. Beograd: Institut Goša.

Vukotić, S., **Milovanović, M.**, Bugarčić, M., & Perišić, J. (2015). Faktori koji uticu na radnu efektivnost ljudskih resursa u organizacijama, *IIIth Naučno stručni skup sa međunarodnim učešćem*, Visoka škola strukovnih studija Beogradska politehnika, Beograd, Srbija, pp. 551-558.

Perišić, J., **Milovanović, M.**, Bugarčić, M., Ristić, M., & Radovanović, Lj. (2015). Process analysis of truck loading on brine mixing mobile unit, *Proceedings of the XVIIth Symposium Young people and Multidisciplinary Research*, Editura politehnica, Timisoara, Romania, pp. 9-14.

Perišić, J., **Milovanović, M.**, Bogdanović, Z., Despotović-Zrakić, M., & Labus, A. (2015). Designing a semantic model of educational content in Moodle LMS, *Proceedings of the XVIIth Symposium Young people and Multidisciplinary Research*, Editura politehnica, Timisoara, Romania, pp. 135-140.

Milovanović, M., Perišić, J., Vukotić, S., Bugarčić, M., Radovanović, Lj., & Ristić, M. (2015). Learning mathematics using multimedia in engineering education, *V International Conference Industrial Engineering And Environmental Protection (IIZS 2015)*, Technical faculty "Mihajlo Pupin" Zrenjanin, University of Novi Sad, Zrenjanin, Serbia, pp. 292-297.

Milovanović, M., (2014). *Softver za učenje "Pravilnih poliedara"*, u okviru doktorske disertacije, Prirodno-matematički fakultet, Institut za matematiku i informatiku, Univerzitet u Kragujevcu.

Milovanović, M., (2014). *Softver za učenje "Određenog integrala"*, u okviru doktorske disertacije, Prirodno-matematički fakultet, Institut za matematiku i informatiku, Univerzitet u Kragujevcu.

Milovanović, M., (2014). *Softver za učenje "Izometrijskih transformacija"*, u okviru doktorske disertacije, Prirodno-matematički fakultet, Institut za matematiku i informatiku, Univerzitet u Kragujevcu.

Perišić, J., **Milovanović, M.**, Ristić, M., Prokolab, M., & Radovanović, Lj. (2014). Semantic adaptation model of learning objects in e-education, *Proceedings of the XVIth Symposium Young people and Multidisciplinary Research*, Editura politehnica, Timisoara, Romania, pp. 123-128.

Perišić, J., **Milovanović, M.**, Petrović, Ž., Ristić, M., & Prokolab, M. (2014). Custody transfer metering and sampling solutions for oil, gas and petrol and chemical products using by BPMN and HMI applications, *IV International Conference Industrial Engineering And Environmental Protection (IIZS 2014)*, Technical faculty "Mihajlo Pupin" Zrenjanin, University of Novi Sad, Zrenjanin, Serbia, pp. 241-251.

Milovanović, M., Obradović, J., & Milajić, A. (2013). Application of interactive multimedia tools in teaching mathematics--examples of lessons from geometry. *Turkish Online Journal of Educational Technology-TOJET*, 12(1), 19-31.

Milovanović, M., Takaci, Đ., Milajic, A., (2012). Multimedia approach in teaching mathematics - examples of interactive lessons from mathematical analysis and geometry in *Interactive Multimedia*, Croatia: InTech, pp. 93-117.

Obradovic, J., **Milovanovic, M.**, Despotovic-Zrakić, M., Lukic, J., & Stokic, A. (2012). Using BPMN and InTouch HMI software for modeling of sampling system in refineries. *Metalurgia International*, 17(11), 72-79.

Milajic, A., **Milovanovic, M.**, & Beljakovic, D. (2012). Applicability of Inductive and Deductive Approach in Teaching Engineering Mechanics and Theory of Structures, *Proceedings, Civil Engineering – Science and Practice, 4th International Conference*, Žabljak, Montenegro, pp. 2549–2556.

Milajic, A., **Milovanovic, M.**, & Milovanovic Z. (2012). Metacognitive Approach in Teaching Theory of Structures, Proceedings, *Civil Engineering – Science and Practice, 4th International Conference*, Žabljak, Montenegro, pp. 2557–2564.

Milovanović, M. & Milovanović, Z. (2012). *Zbirka rešenih zadataka za prijemni ispit iz matematike* (dopunjeno izdanje), Beograd: Signature - Univerzitet Union.

Milovanović, M., Takaci, Đ., & Milajic, A. (2011). Multimedia Approach in Teaching Mathematics – Example of Lesson about the Definite Integral Application for Determining an Area, *International Journal of Mathematical Education in Science and Technology*, 42(2), 175-187.

Tomićević, J., Bjedov, I., Obratov., D., & **Milovanović, M.** (2011). Exploring the Park–People Relation: Collection of Vaccinium Myrtillus L. by Local People From Kopaonik National Park in Serbia, *Environmental Management*, 48(4), 835-846.

Obradović, J., Babarogić, S., Vučković, M., Nešković, S., & **Milovanović, M.** (2011). Modelovanje poslovnog procesa merenja protoka nafte i naftnih derivate u rafinerijama korišćenjem BPMN, *Časopis za informacione tehnologije i multimedijalne sisteme - InfoM*, Fakultet Organizacionih Nauka, Beograd, Srbija, 37, str.8-15.

Milovanović, M., & Obradović, J. (2011). Multimedia Learning of Mathematics with Examples, *II International Symposium Methodological aspects of teaching mathematics*, Faculty of Education in Jagodina, University of Kragujevac, Jagodina, Serbia, pp. 417-426.

Tomićević, J., Shannon, M., & **Milovanović, M.** (2010). Socio-economic impacts on the attitudes towards conservation of natural resources: Case study from Serbia, *Forest Policy and Economics* 12, United Kingdom, pp.157-162.

Obradović, J., **Milovanović, M.**, & Tomićević, J. (2010). Business process modeling notation: BPMN, *Conference proceedings-XII International Symposium Symorg*, Faculty of Organizational Sciences, Zlatibor, Serbia.

Milovanović, Z., **Milovanović M.**, A., & Milajić, A. (2010). Numerical Methods for the Cost-Effectiveness Evaluation of a Project, *Zbornik radova /Elektronski izvor/ = Conference proceedings, XII International Symposium*, Faculty of Organizational Sciences, Zlatibor, Serbia.

Milovanović, M., Milajić, A., Tomićević, J. (2010). Financial mathematics as a basis for investment planning and economic efficiency evaluation, *XVIII Conference on applied mathematics, PRIM 2009*, Subotica, pp. 19-30.

Milovanović, M. & Milovanović, Z. (2009). *Zbirka rešenih zadataka za prijemni ispit iz matematike* (dopunjeno izdanje), Beograd: Signature - Univerzitet Union.

PREDAVANJA NA DOMAĆIM SEMINARIMA

Milovanović, M., (2005). Nastava matematike u Nemačkoj, Seminar “Nastava matematike u svetu”, Matematička gimnazija, Beograd, Srbija.

Milovanović, M., (2003). Multimedijalno učenje, XIX Specijalizovani republički seminar za nastavnike računarstva i informatike, *Arhimedes*, Beograd, Srbija.

PREDAVANJA PO POZIVU NA MEĐUNARODNIM SEMINARIMA

Milovanović, M., (2006). “Data bases” u okviru međunarodnog projekta “GIS in forest management and planning Serbia and Montenegro“ – Norwegian forestry group, Šumarski fakultet.

Milovanović, M., (2002). Comparison of curriculum between Faculty of Forestry in Belgrade and Faculty of Forestry in Freiburg, South Eastern Europe stability pact seminar and DAAD foundation seminar “Academic curriculum in South Eastern Europe”, Hohenheim, Germany.