

EUROPEAN CURRICULUM VITAE FORMAT

PERSONAL INFORMATION

Name: Prof.dr Mimica R. Milošević (maiden name Pavlović)

E-mail: mimica.milosevic@gmail.com

Associate professor

WORK EXPERIENCE

- Dates: April 2018 – Curently
 - Name and address of employer: Faculty of Business Economy and Entrepreneurship, Mitropolita Petra 8 11000 Belgrade
 - Type of business or sector: Research (Mathematics and Informatics)
 - Occupation or position held: Associate Professor
 - Main activities and responsibilities: Education

- Dates: October 2017 – October 2018
 - Name and address of employer: Faculty of Applied Sciences, University Union Nikola Tesla Cara Dušana 62-64 11000 Belgrade, Dušana Popovića 22a 18000 Niš
 - Type of business or sector: Research (Mathematics and Informatics)
 - Occupation or position held: Associate Professor
 - Main activities and responsibilities: Education

- Dates: March 2016 – April 2018
 - Name and address of employer: University Union - Nikola Tesla, Cara Dušana 62-64 11000 Belgrade
Faculty of Civil Engineering Management,
Faculty of Entrepreneurial Business and Real Estate Management,
Faculty of Ecology and Environmental Protection
 - Type of business or sector: Research (Mathematics and Informatics)
 - Occupation or position held: Associate Professor
 - Main activities and responsibilities: Education

- Dates: October 2012 – March 2016
 - Name and address of employer: University Union - Nikola Tesla, Cara Dušana 62-64 11000 Belgrade
Faculty of Civil Engineering Management
 - Type of business or sector: Research (Mathematics and Informatics)
 - Occupation or position held: Assistant Professor
 - Main activities and responsibilities: Education

- Dates: Jun 2011- October 2012
 - Name and address of employer: Faculty of Sciences, University of Niš, Višegradska 33 18000 Niš
 - Type of business or sector: IT center,
 - Occupation or position held: Information Systems Designer in the IT center
 - Main activities and responsibilities: Design of information systems

- Dates: October 2000 - Jun 2011
 - Name and address of employer: Faculty of Sciences, University of Niš, Department of Mathematics and Informatics, Višegradska 33 18000 Niš
 - Type of business or sector: Research (Mathematics and Informatics)
 - Occupation or position held: Assistant
 - Main activities and responsibilities: Education

- Dates: February 1998 - October 2000

- Name and address of employer: Faculty of Philosophy, University of Niš, Study Group for Mathematics and Informatics, Ćirila i Metodija 2 18105 Niš
- Type of business or sector: Research (Mathematics and Informatics)
- Occupation or position held: Assistant
- Main activities and responsibilities: Education
- Dates: September 1994 – November 2012
 - Name and address of employer: Gymnasium „Svetozar Marković“ Branka Radičevića 1, 18000 Niš
 - Type of business or sector: Department of Gifted Students for Mathematics
 - Occupation or position held: Professor
 - Main activities and responsibilities: Education
- Dates: October 1990 - February 1998
 - Name and address of employer: Faculty of Philosophy, University of Niš, Study Group for Mathematics and Informatics, Ćirila i Metodija 2 18105 Niš
 - Type of business or sector: Research (Mathematics and Informatics),
 - Occupation or position held: Assistant trainee
 - Main activities and responsibilities: Education

EDUCATION AND TRAINING

- Dates: 30. September 2011
 - Name of organisation providing education: Faculty of Sciences, University of Niš, Department of Mathematics and Informatics, Višegradska 33 11000 Niš
 - Principal subjects: Numerical mathematics
 - Title of qualification awarded: Doctor of mathematical science
 - Level in national classification: VIII
- Dates: 19. March 1997
 - Name of organisation providing education: Faculty of Philosophy, University of Niš, Study Group for Mathematics and Informatics, Ćirila i Metodija 2 18105 Niš
 - Principal subjects: Numerical mathematics and optimization
 - Title of qualification awarded: Master of Mathematics
 - Level in national classification: VII-2
- Dates: 27. February 1990
 - Name of organisation providing education: Faculty of Philosophy, University of Niš, Study Group for Mathematics, Ćirila i Metodija 2 18105 Niš
 - Principal subjects: Mathematics
 - Title of qualification awarded: Graduated mathematician
 - Level in national classification: VII-1
- Dates: 1979 – 1983.
 - Name of organisation providing education: Gymnasium „Bora Stanković,, Ćirila i Metodija 2 18105 Niš
 - Principal subjects: Mathematics
 - Title of qualification awarded: Mathematical - technical associate
 - Level in national classification: IV
- Dates: 1971 – 1979.
 - Name of organisation providing education: Primary school "Mladost" 18215 Veliko Bonjince
 - Principal subjects: Primary Education
 - Title of qualification awarded: Primary Education
 - Level in national classification:

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE: Serbian

OTHER LANGUAGES:

- English reading good, writing basic,

- verbal basic.
- Russian: reading good,
writing basic,
verbal good.

SOCIAL SKILLS AND COMPETENCES

As a member of several associations, (Society of Mathematicians of Serbia ...). I represent and promote the values of civil society. I'm a non-conflicted person, prone to dialogue and agreement. I am cooperating with colleagues from different multicultural environments.

ORGANISATIONAL SKILLS AND COMPETENCES

I am responsible for work and tasks with a sense of self-motivation. I have shown significant results in the organization of student participation in competitions in mathematics and Mathematical Olympiad. I am communicative and capable of team work.

TECHNICAL SKILLS AND COMPETENCES

Word, Excel, PowerPoint, MATLAB, MATHEMATICA, SPSS.

ARTISTIC SKILLS AND COMPETENCES

Short essays, painting

ADDITIONAL INFORMATION

Courses taught:

- Mathematics in a physics group.
- Numerical analysis I.
- Numerical analysis II.
- Numerical analysis.
- Numerical mathematics.
- Numerical methods.
- Numerical methods in physics.
- Approximation theory.
- Introduction to numerical analysis
- Mathematics 1
- Mathematics 2
- Mathematics 3
- Mathematics (in architecture)
- Mathematics (in ecology)
- Business mathematics
- Business statistics
- Mathematics for Economists
- Economic mathematics
- Economic statistics
- Selected Chapters in Mathematics (Doctoral Studies)
- Numerical methods in ecology and environmental protection (doctoral studies)
- Selected Chapters in Informatics (Doctoral Studies)
- Operational research
- Applied Mathematics
- Business Informatics
- Computer application
- Information systems
- Information Technology
- Quantitative business models

SCIENTIFIC RESEARCH:

1. Scientific papers published in monographs, monographic studies, thematic annotations, lexicographic and cartographic publications of international significance

M. Milošević, V. Dimić: Multi-Criteria Analysis in ICT Implementation for Smart Cities, SUCCESSFUL IMPLEMENTATION OF INFORMATION TECHNOLOGY: IT, MARKETING, EDUCATION AND BUSINESS WORKING TOGETHER FOR BUSINESS SUCCESS, Conference EEE 2018, Belgrade, 18-20. october, 83-105.

2. Scientific papers published in scientific journals of international significance

M. S. Petković, M. R. Milošević, D. M. Milošević: Efficient methods for the inclusion of polynomial zeros, Appl. Math. Comput., 217 (2011), 7636—7652.
<http://www.sciencedirect.com/science/article/pii/S0096300311002694>

M. S. Petković, L. Z. Rančić, M. R. Milošević: On the new fourth-order methods for the simultaneous approximation of polynomial zeros, J. Comput. Appl. Math., 235 (2011), 4059—4075.
<http://www.sciencedirect.com/science/article/pii/S0377042711001208>

M. S. Petković, J. Džunić, M. R. Milošević: Traub's accelerating generator of iterative root finding methods, Appl. Math. Lett., 24 (2011), 1443—1448.
<http://www.sciencedirect.com/science/article/pii/S0893965911001364>

M. S. Petković, M. R. Milošević, D. M. Milošević: New higher-order methods for the simultaneous inclusion of polynomial zeros, Numer. Algorithms, 58 (2011), 179—201.
<http://link.springer.com/article/10.1007%2Fs11075-011-9452-y>

D. M. Milošević, M. S. Petković, M. R. Milošević: Improved methods for the simultaneous inclusion of multiple polynomial zeros. Applied Mathematics and Computation 241: 332-346 (2014)
<http://www.sciencedirect.com/science/article/pii/S009630031400695X>

D.M. Milošević, M. R. Milošević, J.Džunić: On an efficient inclusion method for finding polynomial zeros. J. Comput. Appl. Math. 290 (2015) 298-309
<http://www.sciencedirect.com/science/article/pii/S037704271500309X>

V. Dimić, M.R. Milošević, D.M. Milošević, D. M. Stević: Adjustable Model of Renewable Energy Projects for Sustainable Development: A Case Study of the Nišava District in Serbia, Sustainability 2018, 10(3), 775;
<http://www.mdpi.com/2071-1050/10/3/775>

M. S. Petković, L. Z. Rančić, M. R. Milošević: On the improved Farmer-Loizou method for finding polynomial zeros, J. Comput. Math., Vol 89, No. 4, (2012), 499-509.
<http://www.tandfonline.com/doi/abs/10.1080/00207160.2011.641538#>

M. R. Milošević, M. S. Petković: Ostrowski-like Method for the Inclusion of a Single Complex Polynomial Zero, Reliab. Comput. October 2012, pp. 225-238.
<http://interval.louisiana.edu/reliable-computing-journal/volume-16/reliable-computing-16-pp-225-238.pdf>

M. S. Petković, M. R. Milošević: Efficient Halley-like methods for the inclusion of multiple zeros of polynomials, Computational Methods in Applied Mathematics, Vol 12, No. 3 (2012), 1—16.
<http://www.degruyter.com/view/j/cmam.2012.12.issue-3/cmam-2012-0022/cmam-2012-0022.xml>

A. Selimi, M. R. Milošević, M. Saračević: AHP – TOPSIS Model as a Mathematical Support in the Selection of Project from Aspect of Mobility – Case Study, Journal of Applied Mathematics and Computation (JAMC), 2018, 2(6), 257-265 and Computation (JAMC), 2018, 2(6), 257-265
<http://www.hillpublisher.com/journals/JAMC/2018/6/117.html>

3. Proceedings of international scientific meetings

A. Milošević, M. R. Milošević, A. Selimi, D. M. Milošević: Višekriterijumska analiza AHP metodom sa primenom u zaštiti na radu, 3. Međunarodna stručno-znanstvena konferencija Odbor za zaštitu na radu, Zagreb, 8. April 2016

M.R. Milošević, V. Aleksić, A. Milošević, EUROPSKI TJEDAN ZAŠTITE NA RADU Međunarodni simpozij: ZAŠTITA U FUNKCIJI ODRŽIVOG RAZVOJA: Neki statistički pokazatelji informisanosti, učenja i promovisanja za održivi razvoj, Zagreb, 24 oktobar 2016.

D. M. Milošević, M. S. Petković, M. R. Milošević: On an interval method for the inclusion of one

polynomial zero, II International Conference Mechanical Engineering in XXI Century, June 20-21.2013. Niš, 409-414.
A. D. Milošević, M.R Milošević, D. M. Milošević, A. Selimi: Ahp multi – criteria method for sustainable development in construction, 4th International Conference, Contemporary Achievements in Civil Engineering 2016, Subotica, 22. April 2016, pp. 921-930, ISBN 978-86-80297-63-7
D. M. Milošević, M. S. Petković, M. R. Milošević: On an interval method for the inclusion of one polynomial zero, Workshop Iterative methods in applied mathematics in honour to prof. Ljiljana Petković, 20th June, 2013. 75-90.
A. D. Milošević, J. Šćepanović, M. R. Milošević, A.Selimi: Optimal organization of work for winter roads maintenance by implementing multi-criteria analysis method, 3rd International Scientific Meeting E-GTZ 2016, Tuzla, June 02-04, 2016. pp 725-733
M. R. Milošević, V. Aleksić, A.D. Milošević: Some statistical informing indicators of learning and promotion for sustainable development, International Conference Management and Safety, M&S 2016, Vrnjačka Banja, Serbia, June 10th and 11th, 2016. pp 116-129,
A. Selimi, M. R. Milošević, Dušan Milošević: Information analysis for sustainable development in Macedonia with mathematical review, International Conference Management and Safety, M&S 2016, Vrnjačka Banja, Serbia, June 10th and 11th, 2016. pp 32-46
A.Selimi, M. R. Milošević, Statistic Indicators of Social Dimension of Sustainable Development in Macedonia, 14 International Turkish World Congress, Gostivar, August 22-23 2016
M. R.Milošević, A. Stanojević, A.D. Milošević, D. Milošević: Višekriterijumska analiza energetske efikasnosti AHP metodom u planiranju i arhitektonskom projektovanju. Zbornik XII međunarodne naučno-stručne konferencije „STEP-GRAD 2016“: Savremena teorija i praksa u graditeljstvu, 2016., p.p. 295-302
D.M. Milošević, A. D. Milošević, M. R. Milošević: Some Statistical Aspects of Mobile Customer Service, XIII International Conference on Systems, Automatic Control and Measurements SAUM 2016, Niš, Novembar 9-11, 2016, 229-233
M. R. Milošević, A. D. Milošević, D.M. Milošević, A. Stanojević, V. Dimić: Multicriteria Analysis of Contemporary Materials for Energy-Efficient Buildings, II međunarodna naučno – stručna konferencija SFERA 2016: Oblikovanje i toplinska izolacija fasadnih zidova: Tradicionalni i savremeni pristup, Mostar, 3-4. novembar, 46-51.
A. Stanojević, M. R. Milošević, D. M. Milošević, V. Kopilaš: Neke prednosti „pametnog“ i biobetona sa statističkom analizom informisanosti, III međunarodna naučno – stručna konferencija SFERA 2017: Tehnologija betona, Mostar, 23-24.mart 2017
M. R, Milošević, D. Milošević, A. Stanojević, A. Milošević: The choice of soil remediation methods in brownfield regeneration process by MCDA, Proceeding 5th International Conference: Contemporary Achievements in Civil Engineering, 21. april 2017. godine, Subotica, str. 553-562
D. Milošević, A. Stanojević, M.R. Milošević: AHP method in the function of logistic in development of smart cities model, Proceeding 6th International Conference: Transport and logistic Til, maj 2017. godine, Niš, str. 287-294.
A. Selimi, M.R, Milošević, M. Saračević: AHP - Topsis Model as A Mathematical Support In The Selection Of Project From Aspect Of Mobility,1st INTERNATIONAL CONFERENCE OF APPLIED SCIENCES ENGINEERING AND MATHEMATICS (IBU-ICASEM 2017) “Apply the science of today - create the opportunities of tomorrow!”, Ohrid 61-67
M. R. Milošević, D. M. Milošević, V. Dimić, D.M. Stević, A. Stanojević: The Analysis of Energy Efficiency Indicators and Renewable Energy Sources for Existing Buildings, 5. Međunarodna konferencije o obnovljivim izvorima električne energije, MKOIEE 2017 Beograd, 12.-13. oktobar, 205-212
V. Dimić, A. Stanojevoć, M. R. Milošević: Perspektive izrade projekata OIE na jugu Srbije, IV Međunarodna naučno – stručna konferencija SFERA 2017: Tehnologija i ugradnja otvora , Mostar, 25-26. Oktobar
V. Dimić, M. R. Milošević, A. D. Milošević: Razvijanje svesti o upravljanju e-otpadom u informacionim tehnologijama, 4thInternational Scientific Conference Agribusiness MAK-2017 „EUROPEAN ROAD“IPARD 2015-2020, 27-28. January, Kopaonik, 321-329
D. M. Milošević, M. R. Milošević, A. Stanojević, V. Dimić, A. Milošević: Application of FAHP Method in the Process of Building Construction from the Aspect of Energy Efficiency, Proceedings 4th International Conference Mechanical Engineering in XXI century, Univeristy of Niš, Faculty of Mechanical Engineering, Niš, 19. i 20. april, 2018. godine, ISBN: 978-86-6055-103-2, pp. 271-276
M.R.Milošević, D.M. Milošević, B.M. Randelović: Višekriterijumska analiza IKT u konceptu pametnog grada, Međunarodno naučno- stručni skup, Informacione Tehnologije za e - Obrazovanje, Banja Luka 28-29. 9. 2018, 422-428.

D.Milošević, D.Stević, M.Milošević, B.Randelović, A.Milošević: FCM algorithm for the classification of natural ambient from multispectral Landsat 7 images, International Conference on Systems, Automatic Control and Measurements SAUM 2018, Niš, Novembar 14-16, 2018
A. Selimi, M. R. Milošević, D. M. Milošević: Statistička analiza informisanosti održivog razvoja u Makedoniji, EUROPSKI TJEDAN ZAŠTITE NA RADU Međunarodni simpozij: ZAŠTITA U FUNKCIJI ODRŽIVOG RAZVOJA, Zagreb, 24.10.2016.
M. R. Milošević, D. M. Milošević, A. Stanojević: The control of urban parameters of the „Belvil“ complex using aerophotogrammetry, Book of Abstracts of International Scientific Conference on Green Economy and Environment Protection, Beograd, 23-25. april, 2018. godine, pp. 158
D. M. Stević, M. R. Milošević, V. Dimić, D. M. Milošević, Automatic classification of forest vegetation on multispectral landsat 7 records, Book of Abstracts of International Scientific Conference on Green Economy and Environment Protection, Beograd, 23-25. april, 2018. godine, pp 88
M. R. Milošević: L^2 approximation with interpolation, II Mathematical conference in Priština, 25 - 28. September 1996, 53.
M. R. Milošević: Radau quadratures on $(0, +\infty)$ for the weight function $x^\alpha / (1+x)^\beta$, IV Symposium on mathematical analysis and its applications, Arandjelovac, 26 - 30. May 1997, 57 - 58.
M. R. Milošević, A. Selimi, D. M. Milošević, A. D. Milošević. Statistics in function of sustainable development, "3. International Conference on Computational and Experimental Science and Engineering (ICCESEN2016)" 19-24 October 2016, Kemer- Antalya 381
A. Selimi, M. R. Milošević, A. D. Milošević, Multi-criteria analysis as a support in the application of Information Technology in teaching mathematics, "BILTEVT16: International Congress on Barrier-Free Information Technology" 21-23 September 2016 – Manisa/TURKEY
A.Milošević, M. R. Milošević, D. M. Milošević Dušan; A.Selimi: Višekriterijumska AHP metoda za održiv razvoj u građevinarstvu, Zbornik radova 4. međunarodne konferencije - Savremena dostignuća u građevinarstvu 2016, 22. April 2016,217
A.D.Milošević, J.Šćepanović, M.R.Milošević, A.Selimi:Optimal organization of work for winter roads maintenance by implementing multi-criteria analysis method, 3rd International Scientific Meeting STATE AND TRENDS OF CIVIL AND ENVIRONMENTAL ENGINEERING - EGTZ 2016, Tuzla, June 02-04, 2016, 94

4. Papers in journals of national importance

D. M. Milošević, M. S. Petković, Dj. Herceg, M. R. Milošević: The improved square-root methods for the inclusion of multiple zeros of polynomials, Novi Sad J. Math., Vol. 40, No. 1, (2010), 77—101. http://www.kurims.kyoto-u.ac.jp/EMIS/journals/NSJOM/Papers/40_1/NSJOM_40_1_077_101.pdf
Lj. D. Petković, M. R. Milošević: Improved Higher Order Method for the Inclusion of Multiple Zeros of Polynomials, Facta Universitatis (Niš) Ser. Math. Inform. Vol.28 No. 4 (2013), 359-372 http://facta.junis.ni.ac.rs/mai/mai2804/fumi2804_02.pdf
D. M. Milošević, M. S. Petković and M. R. Milošević: On an Interval Method for the Inclusion of One Polynomial Zero, Facta Universitatis (Niš) Ser. Math. Inform. Vol.28 No. 4 (2013), 403-416. http://facta.junis.ni.ac.rs/mai/mai2804/fumi2804_06.pdf
D. Stević, M. Milošević, V. Dimić, D. Milošević: Automatska klasifikacija šumske vegetacije na multispektralnim Landsat 7 snimcima, Ecologica, Naučno-stručno društvo za zaštitu životne sredine Srbije, 2018. godine (Beograd) Vol. 90 (2018), 281-287
M. Milošević, D. Milošević, A. Stanojević: Kontrola urbanističkih parametara kompleksa „Belvil“ primenom aerofotogrametrije, Ecologica, Naučno-stručno društvo za zaštitu životne sredine Srbije, 2018. godine, vol. 25, no. 91, pp. 566-573
M. Milošević, D. Milošević, A. Stanojević, D Stević: TOPSIS optimizacija za izbor izvođača remedijacije zemljišta u Srbiji, Tehnika, Savez inženjera i tehničara Srbije, Beograd, 2018. godine, vol. 73, no. 5, ISSN: 0040-2176, 730 - 736
M.R. Milošević, A. Selimi, Development of computer Maintenance and troubleshooting skills training ,International Refereed Scientific Journal VISION IRSJV (Gostivar), Volume 1, Issue 1 (2016), 78-97. file:///C:/2017/Publikovano/vizyon1-7-Aybeyan.pdf
M. R. Milošević, A. Selimi, D.M. Milošević: Information for sustainable development in Republic of

Macedonia, Safety Engineering Volume 6, No 2.(2016) 65-71.
G. V. Milovanović, M. R. Milošević: Quadrature formulas of Radau type on $(0, +\infty)$, J. Electrotehn. Math. (Priština) 1 (1996), 57—64

5. Lectures on call at meetings of national importance

M. R. Milošević, G. V. Milovanović: On Radau type of quadrature formulae on $(0, +\infty)$, X Conference on Applied Mathematics Budva, 29 - 31. May 1995, 75.
G. V. Milovanović, M. R. Milošević: Gauss-Radau quadratures with double end points, XI Conference on Applied Mathematics Budva, 3 - 6. Jun 1996, 84.
M. R. Milošević, R. Stanković, A. D. Milošević: Primena statističke analize u upravljanju organizacionom kulturom u obrazovanju. Prva nacionalna naučno–stručna konferencija sa međunarodnim učešćem Trendovi u poslovanju 2017, 411-425
V. Dimić, M. R. Milošević, A. D. Milošević, Ž. Rađenović: Sticanje stručnih znanja i veština za rešavanje problema održavanja računarskih sistema, „Menadžment znanja“, godina XII, br.3-4.2017, 20-26
S. Becić, D. Milojković, M. R. Milošević, I. Canić, M. Nikolić, M. Stojanović: Upravljanje ličnom prodajom u savremenom biznisu na primeru vođenja prodajnog razgovora, Menadžment znanja“, godina XII, br.3-4.2017, 56-63
M. R. Milošević, D. Milošević, A. Stanojević, S. Becić, A. Milošević: Višekriterijumska optimizacija projekta održive gradnje, Menadžment znanja“, godina XII, br.3-4.2017, 63-70

6. The title of master's thesis and the doctoral dissertation as well as the institution where it is defended

Mimica R. Milošević 2011: "Iterativni metodi za aproksimaciju nula polinoma" 2011. Prirodno-matematički fakultet, Univerzitet u Nišu, Mentor Prof. dr Miodrag S. Petković. http://www.pmf.ni.ac.rs/pmf/doktorati/doc/2011-09-30-mm.pdf
Mimica R. Milošević 1997: "Numerička integracija i aproksimacija u klasi racionalnih funkcija" 1997. Filozofski fakultet, Univerzitet u Nišu, Mentor Prof. dr Gradimir V. Milovanović.

7. Books and textbooks

M. R. Milošević, D. M. Milošević Matematika I, Studentski kulturni centar Niš, Unigraf X-Copy 2015.
Praktikumi i skripte, Nastavni materijal u elektronskom obliku za Matematiku 1, Matematiku 2, Matematiku 3, Matematiku u arhitekturi, Poslovnu statistiku, Matematiku u ekonomiji, Ekonomsku statistiku, Operaciona istraživanja, Primenjenu matematiku, Poslovnu informatiku, Primenu računara, Informacione sisteme, Informacione tehnologije,

8. Membership in domestic and foreign scientific institutions

Society of Mathematicians of Serbia

9. Projects

1. Project of the Ministry of Science and Technology: "Numerical Mathematics and Optimization". dr Gradimir V. Milovanović.
2. Project of the Ministry of Science and Technology: "Contemporary problems of mathematics". dr Gradimir V. Milovanović.
3. Project of the Ministry of Science and Technology: "Methods and Models in Theoretical, Industrial and Applied Mathematics". dr Gradimir V. Milovanović.

Married, mother of three children