

CURRICULUM VITAE

Miroslava Antić

Adresa Matematički fakultet, Univerzitet u Beogradu, Studentski trg 16, pp. 550,
11000 Beograd, Srbija
telefon +381 11 2027801
E-mail mira@math.rs
Faks +381 11 2630 151
MathSciNet id 792882
SCOPUS id 14055475900
ORCID id 0000-0002-2111-7174
WoSid AAJ-4839-2020

Obrazovanje

2005 – 2009 Doktorske studije na odseku Geometrija, Matematički fakultet,
Univerzitet u Beogradu, od 2007, zajedničke doktorske studije
sa Univerzitetom Valenciennes, Francuska
2001 – 2005 Postdiplomske studije na odseku Geometrija, Matematički fakultet,
Univerzitet u Beogradu
1997 – 2001 Matematički fakultet, Univerzitet u Beogradu, smer Teorijska matematika,
diplomirala kao student generacije
1993 – 1997 Matematička gimnazija, Beograd

Magistarska teza

2005 "Totalno realne podmnogostrukosti sfere S^6 ", Matematički fakultet,
Univerzitet u Beogradu

Doktorska disertacija

2009 "CR podmnogostrukosti šestodimenzione sfere", Matematički fakultet,
Univerzitet u Beogradu

Zaposlenje

2025– Redovni profesor, Matematički fakultet, Univerzitet u Beogradu
2016–2025 Vanredni profesor, ——— | | ———
2010–2016 Docent, ——— | | ———
2005–2010 Asistent, ——— | | ———
2001–2005 Asistent-pripravnik, ——— | | ———
2003–2014 Honorarni nastavnik, Matematička gimnazija u Beogradu
2001–2002 Honorarni asistent, Ekonomski fakultet, Univerzitet u Beogradu

Nagrade

1999. Nagrada Ambasade Kraljevine Norveške za uspehe u studiranju
2001. Nagrada Vlade Republike Srbije za uspehe u studiranju
2001. Nagrada Beogradskog Univerziteta za studenta generacije Matematičkog fakul-
teta
2010. Profesor godine po odluci Studentskog parlamenta Matematičkog fakulteta
2018. Nagrada Zadužbine Veselin Lučić za najbolje naučno ostvarenje nastavnika i
saradnika Univerziteta u Beogradu u 2017. godini

Istraživačke posete

- 21.4–5.5.2018. Lomonosov Moscow State University, Rusija
3.5–10.5.2017. Zhengzhou University, Kina
10.5–20.5.2017. Tsinghua University, Peking, Kina
19.8–26.8.2019. l'Universite Polytechnique des Hauts-de-France (ex. University of Valenciennes), Francuska, kao i 19.8–2.9.2018, 26.8–3.9.2017, 9.6–19.6.2016, 15.5–24.5.2015, 11.4–18.4.2014, 21.8–30.8.2013, 20.8–27.8.2012, 10.6–22.6.2011, 26.1–6.2.2010, 22.5–2.6.2009, 21.4–6.5.2008, 1.7–10.7.2007, 19.7–28.7.2005, 22.6–1.7.2004, 24.6–4.7.2003.
10.4–14.4.2006. Prolećna škola "Multimedia Technology for Mathematics and Computer Science Education", Berlin, Nemačka

Druge profesionalne aktivnosti

- Projekti**
- br. 174012 Ministarstva nauke i prosvete Republike Srbije, 2010 - 2019
 - br. 144032 Ministarstva nauke Republike Srbije, 2006 - 2010
 - br. 1646 Ministarstva nauke Republike Srbije, 2002 - 2006
 - br. 07945VC programa "Pavle Savić" Ministarstva spoljnih poslova Republike Francuske i Ministarstva nauke Republike Srbije, 2004 - 2005
 - "Multimedia Technology for Mathematics and Computer Science Education" programa DAAD-Sonderprogramm Akademischer Neuaufbau Südosteuropa, 2003 - 2007
- Član uredjivačkog odbora zbornika**
- Konferencija "XIX Geometrical Seminar", 28.8 – 4.9.2016, Zlatibor
 - Konferencija "XVII Geometrical Seminar", 3 – 8.9.2012, Zlatibor
- Organizacija konferencija**
- 22. Geometrical Seminar, 26.5.-31.5.2024, Vrnjачka Banja, programski odbor
 - 15. Srpski matematički kongres, 19.6.-22.6.2024, Beograd, prog. o.
 - Marmara Geometry Days, 6.5.-7.5.2024. Istanbul, Turska, naučni o.
 - 21th Geometrical Seminar, Beograd, 26.6.-2.7. 2022, prog. o.
 - 19th International Geometry Symposium, Jedrene, 27.-30.6.2022, prog. o.
 - Classical and Modern Geometry, Moskva, 1.11.- 4.11. 2021, prog. o.
 - XX Geometrical Seminar, Vrnjačka Banja, 20.5 – 24.5.2018, prog. o.
 - XIX Geometrical Seminar, Zlatibor, 28.8 – 4.9.2016, organizacioni odbor
 - XVIII Geometrical Seminar, Vrnjačka Banja, 25.5 – 28.5.2014, org. od.
 - XVII Geometrical Seminar, Zlatibor, 3.9 – 8.9.2012, org. od.
 - Workshop on Geometry and Visualization, Beograd, 20.9 – 22.9.2007, org. od.
 - Multimedia Technology for Mathematics and Computer Science -Education, Beograd, 21.9 – 24.9.2006, org. od.
 - Multimedia Technology for Mathematics and Computer Science Education, Beograd, 10.11 – 12.11.2005, org. od.
 - Contemporary Geometry and Related Topics, Beograd, 26.6 – 2.7.2005, org. od.
 - Contemporary Geometry and Related Topics, Beograd, 15. – 21.5.2002, org. od.
- Recenzent**
- Emilija Nešović, Ana Hinić-Galić; Zbirka zadataka iz diferencijalne geometrije krivih u euklidskom prostoru, Univerzitet u Kragujevcu, PMF, 2010.
 - Tijana Šukilović, Srdjan Vukmirović; Geometrija za informatičare, Matematički fakultet, Beograd, 2015.
- Učesnik seminara**
- Emilija Nešović; Uvod u geometriju, Univerzitet u Kragujevcu, PMF, 2020.
 - "Geometrija, obrazovanje i vizualizacija sa primenama", 2001-
 - "Seminar za geometriju", 2001-2004.
- Ostalo**
- Član Saveta Matematičkog fakulteta Beograd (april 2010 - septembar 2014.)
 - Sekretar Seminara "Geometrija, vizuelizacija i primene" (januar 2010 - januar 2012.)

-Član Veća naučnih oblasti Univerziteta u Beogradu (dec 2025.-)

-Član lokalne redakcije Zentralblatt MATH i Mathematics Education (oktobar 2014 -)

-Review-er za Mathematical reviews

Mentor doktorata

Djordje Kocić Hiperpovršni blizu Kelerove sfere S^6 , 17. 1. 2026.

Mentor master radova

Aleksandra Karuović Inverzivne transformacije ravni, 25. 9. 2024.

Nikolina Vezmar Geometrija Ojlerovog kruga i Foerbarhových tačaka trougla, 19. 9. 2024.

Filip Vukojević Helikoidne površi sa konstantnom srednjom krivinom. Burova teorema, 30. 9. 2023.

Jelena Nijemčević Izometrije Poenkareove gornje poluravni u kompleksnim koordinatama, 25. 5. 2023.

Srdjan Ptolomejeva teorema, njene posledice i uopštenja, 28. 9. 2022.

Crnogorac

Bojana Inverzija u odnosu na elipsu, 26. 9. 2019.

Pavlović

Nataša Dobrijević Rotacione hiperpovršni višedimenzionih sfera, 27. 8. 2019.

Milan Pavlović Klasična afina diferencijalna geometrija afinih Blaškeovih hiperpovršni, 29. 9. 2018.

Djordje Kocić Hopfove hiperpovršni blizu Kelerove sfere S^6 , 27. 9. 2018.

Dimitrije Špadijer Asimptotske koordinate na pseudosferičnim površinama i njihova primena u konstrukciji novih primera površi, 21. 9. 2016.

David Petrović Krive konstantne geodezijske krivine Poenkareove gornje poluravni, 23. 5. 2016.

Nataša Djurdjević Klajnov model hiperboličke geometrije ravni, 23. 9. 2014.

Snežana

Milosavljević Neophodnost uslova komutativnosti i asocijativnosti kod Dezagrovih i Paposovih ravni, 15. 5. 2014.

Diana Pavlović Invarijante u Galilejevoj geometriji ravni, 5. 7. 2013.

Mima Stojić Trigonometrija hiperboličke ravni, 14. 6. 2013.

Konferencije bez saopštenja

26.6–2.7.2022. XXI Geometrical Seminar, Beograd

20.5–24.5.2018. XX Geometrical Seminar, Vrnjačka Banja

28.8–4.9.2016. XIX Geometrical Seminar, Zlatibor

22.5–25.5.2014. XIII Serbian Mathematical Congress, Vrnjačka Banja

8.9–10.9.2008. Global Analysis on Manifolds, Rim

20.9–22.9.2007. Workshop on Geometry and Visualization, Belgrade

10.11–12.11.2005. Meeting on Multimedia Technology for Mathematics and Computer Science Education, Belgrade

25.6–28.6.2003. Theory of Submanifolds, Valenciennes and Leuven

18.10–20.10.2002. 13th Yugoslav Geometrical Seminar, Kragujevac

15.5–21.5.2002. Contemporary Geometry and Related Topics, Beograd

14.12–15.12.2001. Vive Math (Visualization and Verbalization of Mathematics and Interdisciplinary Aspects), Niš

Konferencije sa saopštenjem

19.6.–22.6.2024. 15. Srpski matematički kongres, Beograd

26.5–31.5.2024. XXII Geometrical Seminar, Vrnjačka Banja

22.9–24.9.2023. The International Conference Riemannian Geometry and Applications – RIGA 2023, Bucharest, onlajn

26.1.–28.1. 2023. Drugi susret matematičara Srbije i Crne Gore, Beograd, plenarno predavanje

5.12.–7.12. 2022. International Conference on Applied Mathematics, Informatics, and Computing Sciences, AMICS, Shanghai, Kina, onlajn, pozvano predavanje

- 29.8.–1.9. 2022. 11th International Euroasian conference on mathematical sciences and applications, IECMSA, Istanbul, onlajn
- 21.1.–23. 1. 2022. International symposium on applied mathematics and engineering, ISAME, Istanbul, onlajn
- 1.11.–4. 11. 2021. Klassičeskaya i sovremennaya geometriya, Moskva, onlajn, plenarno predavanje
- 28.10.–31.10.2021. Studentska konferencija Savremena matematika i primene - AfterMath, Palić
- 12.–13. 7. 2021. 18th International Geometry Symposium, Malatya, Turska, onlajn
- 15.1–17.1.2021. The International Conference Riemannian Geometry and Applications – RIGA 2021, Bucharest, onlajn
- 29.10–31.10.2020. International Conference on Applied Mathematics and Numerical Methods - third edition, Craiova, onlajn
- 27.10–30.10.2020. 4th International Conference on Mathematics, Istanbul, onlajn
- 16.5–19.5.2018. 14. srpski matematički kongres, Kragujevac
- 21.8–25.8.2017. Pure and Applied Differential Geometry (PADGE), Leuven, Belgium
- 25.5–28.5.2014. XVIII Geometrical Seminar, Vrnjačka Banja, Serbia
- 3.9–8.9.2012. XVII Geometrical Seminar, Zlatibor, Serbia
- 27.8–30.8.2012. Pure and Applied Differential Geometry (PADGE), Leuven, Belgium
- 20.9–25.9.2010. XVI geometrical seminar, Vrnjačka Banja
- 28.8–2.9.2008. 12. srpski matematički kongres, Novi Sad
- 3.7–7.7.2007. Symposium on the differential geometry of submanifolds, Valenciennes, Francuska
- 21.9–24.9.2006. Workshop Multimedia Technology for Mathematics and Computer Science Education, Beograd
- 29.8–2.9.2005. Differential Geometry and Physics, Budimpešta
- 26.6–2.7.2005. Contemporary Geometry and Related Topics, Beograd
- 28.9–3.10.2004. XI Kongres matematičara Srbije i Crne Gore, Petrovac na moru
- 2.10–5.10.2003. XIV Geometrijski Seminar, Zrenjanin

Konferencije sa posterom

- 5.9–8.9.2007. XVI International Workshop on Geometry and Physics, Lisabon

Knjige i poglavlja u knjigama

- a. *Diferencijalna geometrija mnogostrukosti*, univerzitetski udžbenik, Matematički fakultet, Beograd 2015, ISBN 978-86-7589-102-4
- b. *The nearly Kähler 6-sphere and its CR submanifolds*, sa L. Vranckenom, str. 57–90, poglavlje u monografiji *Geometry of Cauchy-Riemann Submanifolds*, edit. S. Dragomir, M. Shahid, F. Al-Solamy, Springer 2016, doi: 10.1007/978-981-10-0916-7_3, ISBN 978-981-10-0915-0, e-book ISBN 978-981-10-0916-7, (M13)

Radovi u zbornicima konferencija

- i. —, *CR submanifolds of the sphere S^6 and Chen's equality*, Zbornik radova konferencije Symposium on the differential geometry of submanifolds, Valenciennes, 2007, pp. 17–24, ISBN: 978-1-8479-9016-7, lulu.com/content/1156986

Naučni radovi, objavljeni ili prihvaćeni za štampu

1. —, L. Cao, *Non-degenerate almost complex surfaces in $SL(2, R) \times SL(2, R)$ characterized by the almost product structure P* , Results in Mathematics, 2026, 81:138 (M21, IF2(2024) 1.2) doi:10.1007/s00025-026-02702-8
2. —, Dj. Kocić, *Hypersurfaces of the sphere $S^6(1)$ with four-dimensional nullity distribution*, Journal of Geometry and Physics, 2025, 213, no. 105493, doi:10.1016/j.geomphys.2025.105493, (M21a, IF2(2023) 1.6)

3. F. Vukojević, —, *Visualization of Isometric Deformations of Helicoidal CMC Surfaces*, *Axioms*, 2024, 13(7), art. 457, doi: 10.3390/axioms13070457, (M21, IF2(2023) 1.9)
4. Dj. Kocić, —, *The Shape Operator of Real Hypersurfaces in $S^6(1)$* , *Mathematics*, 2024, 12(11), art. 1668, doi: org/10.3390/math12111668, (M21a+, IF2(2023) 2.3)
5. —, Dj. Kocić, *Non-existence of real hypersurfaces with parallel structure Jacobi operator in $S^6(1)$* , *Mathematics*, 2022, 10(13), art. 2271, doi: 10.3390/math10132271, (M21a+, IF2(2022) 2.4)
6. —, *Characterization of warped product Lagrangian submanifolds in C^n* , *Results in Mathematics*, 2022, 77, art. 106, doi: 10.1007/s00025-022-01621-8, (M21a, IF2(2022) 2.2)
7. —, L. Vrancken, *Conformally flat, minimal, Lagrangian submanifolds in complex space forms*, *Science China Mathematics*, 2022, 65(8), 1641–1660, doi: 10.1007/s11425-021-1897-0, (M21, IF2(2022) 1.4)
8. —, Z. Hu, M. Moruz, L. Vrancken, *Surfaces of the nearly Kähler $S^3 \times S^3$ preserved by the almost product structure*, *Mathematische Nachrichten*, 2021, 294(12), 2286–2301, doi: 10.1002/mana.201900376, (M21, IF2(2021) 1.199)
9. —, Dj. Kocić, *Three-dimensional CR submanifolds in $S^6(1)$ with umbilical direction normal to \mathcal{D}_3* , *International Electronic Journal of Geometry*, 2021, 14(1), 125–131, doi: 10.36890/IEJG.790910 (M23, JCI(2021) 0.41)
10. —, H. Li, L. Vrancken, X. Wang, *Affine hypersurfaces with constant sectional curvature*, *Pacific Journal of Mathematics*, 2021, 310(2), pp. 275–302, doi: 10.2140/pjm.2021.310.275, (M22, IF2(2021) 0.648)
11. —, M. Moruz, J. Van der Veken, *H-Umbilical Lagrangian Submanifolds of the Nearly Kähler $S^3 \times S^3$* , *Mathematics*, 2020, 8, article 1427, pp. 1–8, doi:10.3390/math8091427 (M21a+, JCI(2020) 2.10)
12. —, N. Djurdjević, M. Moruz, L. Vrancken, *Three-dimensional CR submanifolds of the nearly Kähler $S^3 \times S^3$* , *Annali di Matematica Pura ed Applicata*, 2019, 198, no. 1, pp 227–242, doi: 10.1007/s10231-018-0770-8, (M21, IF5(2019)1.113)
13. —, *A class of four dimensional CR submanifolds in six dimensional nearly Kähler manifolds*, *Mathematica Slovaca*, 2018, 68, No. 5, pp. 1129–1140, doi: 10.1515/ms-2017-0175, (M23, IF2(2018) 0.490)
14. —, N. Djurdjević, M. Moruz, *CR submanifolds of the nearly Kähler $S^3 \times S^3$ characterised by properties of the almost product structure*, *Mediterranean Journal of Mathematics*, 2018, Vol. 15, article 111, pp. 1–28, doi: 10.1007/s00009-018-1152-6, (M21, IF2(2018) 1.181)
15. —, *A class of slant surfaces of the nearly Kähler $S^3 \times S^3$* , *Hacettepe Journal of Mathematics and Statistics*, 2018, Vol. 47 (2), pp. 251–260, doi: 10.15672/HJMS.2017.530, (M22, IF2(2018) 0.605)
16. —, *Ruled three dimensional CR submanifolds of the sphere $S^6(1)$* , *Publications de l’Institut Mathématique*, 2017, Vol. 101(115), pp. 25–35, doi: 10.2298/PIM1715025A, (M24)
17. —, *Four-dimensional CR submanifolds of the sphere $S^6(1)$ with two-dimensional nullity distribution*, *Journal of Mathematical Analysis and Applications*, 2017, Vol. 445, pp. 1–12, doi: 10.1016/j.jmaa.2016.07.072, (M21, IF2(2017) 1.138)

18. —, *A class of four dimensional CR submanifolds of the sphere $S^6(1)$* , Journal of Geometry and Physics, 2016, Vol. 110, pp. 78–89, doi: 10.1016/j.geomphys.2016.07.014, (M22, IF2(2016) 0.819)
19. —, Z. Hu, C. Li, L. Vrancken, *Characterization of the generalized Calabi composition of affine hyperspheres*, Acta Mathematica Sinica, English Series, 2015, Vol. 31, Issue 10, pp. 1531–1554, doi: 10.1007/s10114-015-4431-1, (M23, IF2(2015) 0.386)
20. —, L. Vrancken, *3-dimensional minimal CR submanifolds of the sphere S^6 contained in a hyperplane*, Mediterranean Journal of Mathematics, 2015, Vol. 12, Issue 4, pp. 1429–1449, doi: 10.1007/s00009-015-0530-6, (M22, IF2(2015) 0.599)
21. —, F. Dillen, K. Schoels, L. Vrancken, *Decomposable affine hypersurfaces*, Kyushu Journal of Mathematics, 2014, Vol. 68, pp. 93–103, doi: 10.2206/kyushujm.68.93, (M23, IF2(2014) 0.364)
22. —, *The equidistant involution of the hyperbolic plane and two models of the Euclidian plane geometry*, Journal of Geometry, 2013, Vol. 104, Issue 2, pp. 201–212, doi: 10.1007/s00022-013-0161-7,
23. —, *4-dimensional minimal CR submanifolds of the sphere S^6 contained in a totally geodesic sphere S^5* , Journal of Geometry and Physics, 2010, Vol. 60, pp. 96–110, doi: 10.1016/j.geomphys.2009.09.005 (M22, IF2(2010) 0.652)
24. —, L. Vrancken, *Sequences of minimal surfaces in S^{2n+1}* , Israel Journal of Mathematics, 2010, Vol. 179, pp. 493–508, doi: 10.1007/s11856-010-0091-0 (M22, IF2(2010) 0.630)
25. —, J. Bolton, L. Vrancken, *Minimal surfaces with reflectionally symmetric sequences*, Bulletin of the Transilvania University of Brasov, III-2008, Vol. 15(50), 1-4 Series Mathematics, Informatics, Physics, pp. 15–24
26. —, M. Djorić, L. Vrancken, *4-dimensional minimal CR submanifolds of the sphere S^6 satisfying Chen's equality*, Differential Geometry and its Applications, 2007, Vol. 25, pp. 290–298, doi: 10.1016/j.difgeo.2006.11.007, (M22, IF2(2007) 0.457)
27. —, M. Djorić, L. Vrancken, *Characterization of totally geodesic totally real 3-dimensional submanifolds in the 6-sphere*, Acta Mathematica Sinica, English Series, Sep., 2006, Vol. 22, No. 5, pp. 1565–1582, doi: 10.1007/s10114-005-0798-8, (M22, IF2(2006) 0.44)