

# CURRICULUM VITAE

Miroslava Antić

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## 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

2016– Vanredni profesor, Matematički fakultet, Univerzitet u Beogradu  
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**
- Marmara Geometry Days, Istanbul, Turska, 6.5.-7.5.2024, naučni odbor
  - 21th Geometrical Seminar, Beograd, 26.6.-2.7. 2022, programski odbor
  - 19th International Geometry Symposium, Jedrene, 27.-30.6.2022, prog. od.
  - Classical and Modern Geometry, Moskva, 1.11.- 4.11. 2021, prog. od.
  - XX Geometrical Seminar, Vrnjačka Banja, 20.5 – 24.5.2018, prog. od.
  - 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.
  - Emilija Nešović; Uvod u geometriju, Univerzitet u Kragujevcu, PMF, 2020.
- Učesnik seminara**
- "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.)
  - Rukovodilac Seminara "Geometrija, vizuelizacija i primene" (oktobar 2023. - )

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

-Review-er za Mathematical reviews

### Mentor master radova

- Filip Vukojević** Helikoidne površi sa konstantnom srednjom krivinom. Burova teorema, 30. 9. 2023.-kolaureat nagrade Matematičkog instituta SANU za najbolji master rad iz oblasti matematike i mehanike u 2024.
- Jelena Nijemčević** Izometrije Poenkareove gornje poluravni u kompleksnim koordinatama, 25. 5. 2023.
- Srdjan Crnogorac** Ptolomejeva teorema, njene posledice i uopštenja, 28. 9. 2022.
- Bojana Pavlović** Inverzija u odnosu na elipsu, 26. 9. 2019.
- 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 površima 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 Dezargovih 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
- 26.5–31.5.2024. XXII Geometrical Seminar, Vrnjačka Banja
- 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. 13<sup>th</sup> 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

- 6.11.–8.11. 2023. International Workshop on Geometry of Submanifolds, Istanbul, pozvano predavanje
- 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. 18<sup>th</sup> 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. Dj. Kocić, — *The Shape Operator of Real Hypersurfaces in  $S^6(1)$* , Mathematics, 2024, 12(13), art. 1668, doi: org/10.3390/math12111668, (M21a, IF(2023) 2.4)
2. —, 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, IF(2022) 2.4)

3. —, *Characterization of warped product Lagrangian submanifolds in  $C^n$* , Results in Mathematics, 2022, 77, art. 106, doi: 10.1007/s00025-022-01621-8, (M21a, IF(2022) 2.2)
4. —, 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, IF(2022) 1.4)
5. —, 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, (M22, IF(2021) 1.199)
6. —, 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
7. —, 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, (M23, IF(2021) 0.648)
8. —, 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, IF(2020) 2.258)
9. —, 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, (M22, IF(2019) 0.959)
10. —, *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, IF(2018) 0.490)
11. —, 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, IF(2018) 1.181)
12. —, *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, (M23, IF(2018) 0.605)
13. —, *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)
14. —, *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, IF(2017) 1.138)
15. —, *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, IF(2016) 0.819)
16. —, 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, IF(2015) 0.386)
17. —, 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, IF(2015) 0.599)

18. —, 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, IF(2014) 0.364)
19. —, *The equidistant involution of the hyperbolic plane and two models of the Euclidean plane geometry*, Journal of Geometry, 2013, Vol. 104, Issue 2, pp. 201–212, doi: 10.1007/s00022-013-0161-7, (M24)
20. —, *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 (M21, IF(2010) 0.652)
21. —, 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 (M21, IF(2010) 0.630)
22. —, 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
23. —, 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, IF(2007) 0.457)
24. —, 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, IF(2006) 0.44)