CURRICULUM VITAE

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1 Ukratko

Ime: Predrag (Đorđe) Janičić

Datum i mesto rođenja: 9. decembar 1968, Priština, Srbija, Jugoslavija

Obrazovanje: osnovne (1993), magistarske (1996) i doktorske (2001) studije iz računarstva završene na Matematičkom fakultetu Univerziteta u Beogradu [detalji]

Pozicija: redovni profesor na Matematičkom fakultetu Univerziteta u Beogradu [detalji]

Izabrane nagrade: prvo mesto na saveznom takmičenju iz matematike (1987), Nagrada za najboljeg studenta generacije Univerziteta u Beogradu (1993), Nagrada grada Beograda (2004) [detalji]

Naučna oblast: automatsko rezonovanje i inteligentni matematički softver [detalji]

Stipendije/Projekti: British Scholarship Trust (UK), EPSRC (UK), Coimbra Group Hospitality Scheme (Portugalija), DAAD (Nemačka), OAD (Austrija), Egide/Pavle Savić (Francuska-Srbija), COST (EU), SNF SCOPES (Švajcarska), Ministarstvo nauke Srbije [detalji]

Posete: U Edinburg, U Birmingem, U Heriot-Wat (Edinburg), U Kembridž, TU Berlin, U Đenova, U Koimbra, U Linz, U Grac, U Rim "La Sapienza", EPFL (Lozana), U Strazbur, U Milano, FU Moskva [detalji]

Publikacije: 9 knjiga, $>$ 60 recenziranih članaka u časopisima (JAR, MLQ, LMCS, ICGA, ...) i na konferencijama (IJCAR, CADE, FROCOS, ICMS, CALCULEMUS,...) DBLP profil/ Google Scholar profil/ MAS profil/ ORCID profil

[detalji]

Predavanja po pozivu: RSNM 2009, CECiiS 2011, SuRI 2011, CADGME 2014, ADG 2016, LAP 2018, Forum 2019 [detalji]

Predavanja i konferencije: $\approx$ 125 predavanja na konferencijama, radionicama i seminarima [detalji]

Predsedavajući i organizator radionica/konferencija: FATPA 2008/2009/2010/2011/2012, PDP 2013, SAIM 2020 [detalji]

Generalni predsedavajući: ADG 2023 [detalji]

Predsednik programskog odbora: ADG 2021 [detalji]

Član programskih odbora: ADG 2010/2012/2014/2018/2025, AISC 2018, CADE-24 (2013), CADGME 2009/2010/2012, CICM 2013/2014/2015, ECAI 2025/2026, FM 2009, GCR 2010/2011/2012, IJCAI 2021/2022/2023/2024/2025/2026, LPAR 2023, PDPAR 2003/2005, PLMMS 2009, PxTP 2021, SCDG 2011, THedu 2012, VI 2023. [detalji]

Konsultantske aktivnosti: ANOX, Novamente, Microsoft. [detalji]

2 Obrazovanje i akademske titule

okt. 1996–jan 2001 Doktorske studije na smeru za Računarstvo i informatiku, Matematički fakultet Univerziteta u Beogradu.

Doktorska disertacija: "Ugradnja procedura odlučivanja u sisteme za automatsko rezonovanje"; mentor prof. Žarko Mijajlović (Univerzitet u Beogradu), komentor: prof. Alan Bundy (Univ. of Edinburgh)

okt. 1993–jul 1996 Magistarske studije na smeru za Računarstvo i informatiku, Matematički fakultet Univerziteta u Beogradu;

Magistarska teza: "Jedan metod za automatsko dokazivanje teorema geometrije"; mentor: prof. Z. Lučić.

okt. 1988–jun 1993 Smer za Računarstvo i informatiku, Matematički fakultet Univerziteta u Beogradu (procečna ocena 10.00);

Diplomski rad: "Dejstva grupa izometrija na hiperboličku ravan"; mentor prof. Z. Lučić.

sept. 1985–jun 1987 Matematičko-tehnička škola "Miladin Popović", Priština; Smer Matematičko-tehnički saradnik (prosečna ocena 5.00)

3 Zaposlenje

sept. 1987–sept. 1988 obavezni vojni rok.

okt. 1993–okt 1996 asistent-pripravnik na Katedri za Računarstvo i informatiku, Matematički fakultet Univerziteta u Beogradu.

okt. 1996–jan 2001 asistent na Katedri za Računarstvo i informatiku, Matematički fakultet Univerziteta u Beogradu.

jan. 2001–maj 2008 docent na Katedri za Računarstvo i informatiku, Matematički fakultet Univerziteta u Beogradu.

maj. 2008 – mart 2015 vanredni profesor na Katedri za Računarstvo i informatiku, Matematički fakultet Univerziteta u Beogradu.

mart 2015 – redovni profesor na Katedri za Računarstvo i informatiku, Matematički fakultet Univerziteta u Beogradu.

4 Nagrade i stipendije

1982-1987

- Šest puta prvo mesto na pokrajinskim takmičenjima iz matematike;
- Šest puta učešće na saveznim takmičenjima iz matematike; pet puta među sedam prvoplasiranih (1983-1987); prvo mesto na saveznom takmičenju 1987. godine;
- Druga nagrada na Matematičkoj balkanijadi 1987. (Atina, Grčka http://srb.imomath.com/index.php?options=19&lmm=1)
- Učešće na Međunarodnoj matematičkoj olimpijadi 1987. (Havana, Kuba https://www.imo-official.org/participant_r.aspx?id=10606).

1985-1986

- Dva puta prvo mesto na pokrajinskim takmičenjima iz fizike;
- Dva puta učešće na saveznim takmičenjima iz fizike; četvrto mesto na takmičenju 1985;
- Učešće na Balkanijadi iz fizike 1986. godine (Plovdiv, Bugarska).

1985-1987 Dva puta (1985/86 i 1986/87) prva nagrada Matematičko-fizičkog lista (Zagreb) za rešavanje konkursnih zadataka — "Nagrada Stjepan Škreblin".

1989-1990 Stipendija GENEX-a

1990-1993 Stipendija Fondacije za talentovane studente Republike Srbije (prvoplasirani na kvalifikacionim testovima)

1991 II nagrada Beogradskog Univerziteta za naučno-istraživački rad "Dejstva planarnih diskontinualnih grupa izometrije — računarski prilaz"

1993 II nagrada Beogradskog Univerziteta za naučno-istraživački rad "EUKLID - dokazivač geometrijskih teorema" (koautor S.Kordić).

1994 Nagrada Univerziteta u Beogradu za najboljeg studenta generacije Matematičkog fakulteta (u generaciji jedan od dva studenta Univerziteta u Beogradu sa prosekom 10.0).

2005 Nagrada grada Beograda za doprinose u obrazovanju.

5 Naučna oblast

Automatsko rezonovanje i inteligentni matematički softver, posebno:

- Automatsko rezonovanje u geometriji;
- Inteligentni geometrijski softver;
- Automatsko dokazivanje teorema u koherentnoj logici;
- SAT i SMT rešavanje i primene;

6 Naučni projekti

1996 Grant fondacije The British Scholarship Trust (Velika Britanija) za tromesečni boravak na Univerzitetu u Edinburgu, UK.

2001/02 EPSRC (Velika Britanija) grant GR/R52954/01 „Flexible Incorporation of Decision Procedures into LambdaClam Proof-planning System“ za petomesečnu posetu Univerzitetu u Edinburgu, UK (19670 GBP).

2002 DAAD (Nemačka) grant za posetu Tehničkom univerzitetu u Berlinu, Nemačka.

2003–2005 Učešće na projektima 1379. i 1646. Ministarstva nauke Republike Srbije.

2005 CIM/CISUC (Portugalija) grant (u okviru Coimbra Hospitality Scheme) za jednomesečnu posetu Univerzitetu u Koimbri, Portugalija.

2006–2010 Projekta 144030 Ministarstva nauke Republike Srbije („Automatsko rezonovanje i istraživanje velikih količina podataka i teksta“; rukovodilac projekta).

2007 OAD grant (Austrija) za posetu Univerzitetu u Gracu, Austrija.

2007 OAD grant 3-01-2007 "Technical and Social Challenges related to Collaborative E-Learning in Central and South Eastern European Countries", (Grant holders: Denis Helic and Walther Neuper, Technical University of Graz)

2009 OAD grant (Austrija) za posetu Univerzitety u Lincu, Austrija.

2010–2013 Projekat SCOPES `IZ73Z0_127979` švajcarske fondacije SNF za zajednička istraživanja ("Decision Procedures: from Formalizations to Applications"; sa profesorom Viktorom Kuncakom, Univerzitet u Lozani) (100000 CHF).

2009–2013 COST (EU) projekat IC0901 „Rich-Model Toolkit - An Infrastructure for Reliable Computer Systems“ (član Upravnog odbora).

2011–2018 Projekat 174021 Ministarstva nauke Republike Srbije („Automatsko rezonovanje i istraživanje podataka“; rukovodilac projekta).

2012–2013 Srpsko-francuski projekat saradnje EGIDE/"Pavle Savić" 680-00-132/2012-09/12 ("Formalization and automation of geometry"; sa prof. Julien Narboux, Univerzitet u Strazburu) (10000 EUR; odobreno 17 od predloženih 38 projekata).

2019 Grant vlade Italije za posetu Univerzitetu u Milanu.

2019 Stipendija vlade Francsuske za istraživački boravak u Francuskoj.

7 Posete i predavanja

7.1 Posete

1. Mathematical Reasoning Group, School of Informatics, University of Edinburgh, United Kingdom
   October 1—December 31, 1996.
2. Mathematical Reasoning Group School of Informatics, University of Edinburgh, United Kingdom
   June 1—July 31, 2001.
3. Mathematical Reasoning Group, University of Birmingham, United Kingdom
   July 7, 2001.
4. Mathematical Reasoning Group, School of Informatics, University of Edinburgh, United Kingdom
   May 11—August 11, 2002.
5. Automated Reasoning Group, University of Cambridge, United Kingdom
   June 3—9, 2002.
6. Dependable Systems Group, Hariot-Watt University, Edinburgh, United Kingdom
   June 21, 2002.
7. Mathematical Institute, Technical University, Berlin, Germany
   November 24 — December 1, 2002.
8. Mechanized Reasoning Group, University of Genoa, Italy
   June 2—9, 2003.
9. Faculty of Mathematics, University of Coimbra, Coimbra, Portugal
   September 1—September 30, 2005.
10. RISC institute, University of Linz, Hagenberg, Austria
    May 10 — May 18, 2006.
11. University of Linz and the University of Graz, Austria
    June 26 — July 02, 2007.
12. Department of Mathematics, University of Rome „La Sapienza“, Italy
    November 9 — November 16, 2008.
13. RISC Institute, University of Linz, Hagenberg, Austria
    July 09 — July 14, 2009.
14. Lab for Automated Reasoning and Analysis, EPFL, Laussane, Switzerland
    June 20 — June 24, 2011.
15. Lab for Automated Reasoning and Analysis, EPFL, Laussane, Switzerland
    July 11, 2011.
16. ICube Laboratory, University of Strasbourg, France
    July 16—22, 2012.
17. ICube Laboratory, University of Strasbourg, France
    July 12—15, 2018.
18. Department of Informatics, University of Milano, Italy
    October 27—November 3, 2019.
19. ICube Laboratory, University of Strasbourg, France
    November 10—17, 2019.
20. Department of Data Analysis, Decision Making and Financial Technology, Financial University, Moscow, Russia
    November 25—29, 2019.

7.2 Letnje škole

1. The European Summer School on Logic, Linguistics and Information (ESSLLI '96), Prague, Czech Republic, June 1996.
2. Summer School and Workshop on Proof Theory, Computation and Complexity, University of Dresden, Germany, June 29–July 6, 2003.
3. Summer School and Workshop on Proof Theory and Automated Theorem Proving and PCC Workshop, University of Dresden, Germany, June 13—June 19, 2004.

7.3 Predavanja po pozivu

1. „Inteligentni geometrijski softver"
   Republički seminar o nastavi matematike i računarstva u osnovnim i srednjim školama
   Beograd, 17.01.-18.01.2009. (17.01.2009.)
   http://www.dms.org.rs/index.php?action=seminars_2009
2. „Automated Reasoning: Some Successes and New Challenges"
   22nd Central European Conference on Information and Intelligent Systems, CECiiS 2011
   September 21st - 23rd, Varaždin, Croatia, 2011.
   http://archive.ceciis.foi.hr/app/index.php/ceciis/index/pages/view/ProceedingsArchive2011
3. „Uniform Reduction to SAT and SMT"
   Summer Research Institute
   EPFL, Lausanne, Switzerland, June 6–24, 2011.
   https://suri-past.epfl.ch/past/2011
4. „Challenges for the Next Generation Mathematics Education Software"
   Conference on Computer Algebra and Dynamic Geometry Systems in Mathematics Education - CADGME 2014.
   Halle, Germany, September 26-29, 2014.
   http://cadgme2014.cermat.org/
5. „Geometrisation of Geometry"
   Automated Deduction in Geometry – ADG 2016.
   June 27-29, 2016, Strasbourg, France
   http://icube-web.unistra.fr/adg2016
6. „Automated Reasoning in Geometry"
   Logic and Applications 2018 – LAP 2018
   September 24-28 (25), 2018, Dubrovnik, Croatia
   http://imft.ftn.uns.ac.rs/math/cms/LAP2018
7. „Automated reasoning: What is it Good for? "
   The Sixth International Financial University - Forum 2019
   November 26-28 (27), 2019, Moscow, Russia
   http://www.fa.ru/org/dep/findata/News/2019-11-26-vi-forum-2019-conference.aspx

7.4 Panel diskusije

1. „Kultura, umetnost i veštačka inteligencija“
   Osmi Beogradski kontrapunkt
   Beograd, 06.11.2024, Jugoslovenska kinoteka
   https://zaprokul.org.rs/osmi-beogradski-kontrapunkt-kultura-umetnost-i-vestacka-inteligencija/

7.5 Predavanja

1. „Izabrani zadaci sa matematičke olimpijade 1987.“
   Republički seminar za nastavu matematike
   Beograd, 01.1988.
2. (zajednički rad sa S.Kordićem)
   „Euklid — dokazivač geometrijskih teorema“
   Seminar za logiku Matematičog instituta
   Beograd, 10.1993.
3. (zajednički rad sa S.Kordićem)
   „Euklid — dokazivač geometrijskih teorema“
   Jednodnevna seminar-konferencija iz matematičke logike
   Matematički institut, Beograd, 03.1993.
4. (zajednički rad sa S.Kordićem)
   „Euklid — dokazivač geometrijskih teorema“
   Smotra mladih istrazivača Srbije
   Beograd, 12.1993.
5. (zajednički rad sa S.Kordićem)
   „Euklid — dokazivač geometrijskih teorema“
   Seminar Katedre za računarstvo Matematičkog fakulteta
   Beograd, 03.1994.
6. „Lingvisticke osnove generisanja teksta (prikaz knjige Laurance Danlos: „The Linguistic Basis of Text Generation“ Cambridge University Press 1987)“
   Seminar Računarska lingvistika
   Matematički fakultet, Beograd, april 1994.
7. „GAME-MAKER — ilustracija koncepta programske ljuske“
   Konferencija SINFON (Studentski radovi u informatici i računarskim naukama)
   Zlatibor, 29.10.-02.11.1994 (02.11.1994.)
8. „Dejstva diskontinualnih grupa na hiperboličku ravan“
   Odeljenje za matematiku SANU
   Beograd, 17. mart 1995.
9. (Sa S.Kordićem)
   „Euclid — geometry theorems prover“
   Conference „Logic, Algebra and Discrete Mathematics“
   Niš, 14.04.-16.04.1995 (16.04.1995.)

10. „O logičkim igrama“
    Seminar za matematičku logiku Matematičkog instituta
    Beograd, 12.05.1995.
11. (Sa S.Kordićem)
    „Jedan pristup aksiomatskom zasnivanju geometrije“
    9. Kongres matematičara Jugoslavije
    Petrovac na moru, 22.05.-27.05.1995 (24.05.1995.)
12. „Apstrahovanje podataka i problema u programiranju logičkih igara“
    Konferencija LIRA ’95 (Logika i računarstvo)
    Novi Sad, 26.09.-30.09.1995. (28.09.1995.)
13. „Automatsko generisanje filmskih scenarija“
    Konferencija SINFON „Studentski radovi u informatici i računarskim naukama“
    Zlatibor, 04.11.-07.11.1995. (02.11.1995.)
14. „Transformatori predikata (prikaz dela knjige E.W.Dijkstra, C.S.Scholten: „Predicate Calculus and Program Semantics“ Springer-Verlag 1990)“
    Seminar Algoritmika
    Matematički fakultet, Beograd, decembar 1995
15. „Alfa-beta algoritmi“
    Seminar Algoritmika
    Matematički fakultet, Beograd, mart 1996
16. „One method for automated geometry theorems proving in a human-oriented way“
    Mathematical Reasoning Group Seminar
    Edinburgh, 28.10.1996.
17. „Ugradnja procedura odlučivanja u dokazivac teoreme CLaM“
    Seminar za logiku Matematičkog instituta
    Beograd, 11.04.1997.
18. „(co-authors Alan Bundy, Ian Green)“
    A Comparison of Decision Procedures in Presburger Arithmetic
    Conference LIRA ’97 (Logika i računarstvo)
    Novi Sad, 01-04.09.1997. (02.09.1997.)
19. „Korišćenje procedura odlučivanja i stohastičkih gramatika u automatskom dokazivanju teorema“
    Seminar Algoritmika
    Matematički fakultet, Beograd, 17.04.1998.
20. „Stohasticke gramatike za Prezburger aritmetiku“
    Seminar Verovatnoća i statistika
    Matematički fakultet, Beograd, 28.05.1998.
    http://www.stat.matf.bg.ac.rs/Seminar/sem9798.htm
21. (joint work with A.Bundy)
    „Learning Stochastic Grammars for Presburger Arithmetic“
    Conference „Algebra and Logic VIII“ (section Mathematical Logic)
    Novi Sad, 21.09.-23.09.1998. (21.09.1998)

22. „Crtanje u LaTeX-u bez suza“
    Odeljenje za matematiku SANU
    Beograd, 6. novembar 1998.

23. „Računarstvo i geometrija“
    Republički seminar o nastavi matematike i računarstva ’99
    Beograd, 09.01.-12.01.1999. (12.01.1999.)

24. „Promena faze u SAT problemima“
    Seminar za logiku Matematičkog instituta
    Beograd, 14.04.2000.

25. „Prezentacija programa Cinderella (sa Markom Miloševićem)“
    Stručni sastanci Matematičkog fakulteta i Odeljenje za matematiku Matematičkog instituta
    Beograd, 12.05.2000.

26. „Ugradnja procedura odlucivanja u dokazivače teorema“
    Kongres matematičara Jugoslavije
    Beograd, 21-24.01.2001. (22.01.2001)

27. „Procedure odlučivanja i dokazivaci teorema“
    Seminar za logiku Matematičkog instituta
    Beograd, 02.03.2001.

28. (co-author Alan Bundy)
    „Strict General Setting for building decision procedures into theorem provers“
    The International Joint Conference on Automated Reasoning (IJCAR ’01)
    Siena, Italy (18.07-24.07.2001), Siena, 20.07.2001.

29. „(S)GS framework for building decision procedures into theorem provers“
    The Mathematical Reasoning Group Seminar
    Division of Informatics, University of Edinburgh, Edinburgh, 28.06.2001.

30. „Building decision procedures into theorem provers“
    Theoretical Computer Science Seminar
    School of Computer Science, University of Birmingham, Birmingham, 13.07.2001.
    http://events.cs.bham.ac.uk/seminar-archive/theory/theory_html.summer01/janicic.html

31. „Implementing GS framework for decision procedures in LambdaClam“
    The Mathematical Reasoning Group Seminar
    Division of Informatics, University of Edinburgh, Edinburgh, 19.07.2001.

32. „Generisanje geometrijskih slika na osnovu formalnog opisa“
    Seminar „Geometrija, obrazovanje i vizuelizacija sa primenama“
    Matematički institut, Beograd, 01.11.2001.

33. „Automatsko rezonovanje: šta računari mogu“
    Laboratorija za eksperimentalnu psihologiju
    Filozofski fakultet, Univerzitet u Beogradu, Beograd, 16.11.2001.

34. „Decision procedures, Presburger arithmetic and complexity issues“
The Mathematical Reasoning Group Seminar
Division of Informatics, University of Edinburgh, Edinburgh, 23.05.2002.

35. „A General Setting for the Flexible Combining and Augmenting of Decision Procedures“
Automated Reasoning Group Lunch Seminar
University of Cambridge, 06.06.2002.
http://www.cl.cam.ac.uk/research/hvg/pastargs.html

36. „Semiautomatic synthesis of decision procedures“
The Mathematical Reasoning Group Seminar
Division of Informatics, University of Edinburgh, Edinburgh, 20.06.2002.

37. „Presentation of (S)GS framework“
Dependable Systems Group
Heriot-Watt University, 21.06.2002.

38. „Presentation of GCLC/WinGCLC“
Mathematical Institute
Technical University, Berlin, 28.11.2002.

39. (zajednički rad sa Ivanom Trajkovićem)
„Paket WinGCLC - prezentacija“
Seminar Geometrija, obrazovanje i vizualizacija sa primenama
Beograd, 27.02.2003.

40. (joint work with Alan Bundy)
„Automatic synthesis of decision procedures: a case study of linear arithmetic“
Seminar of Department of Computer Science
DIST, University of Genova, Genova, 04.06.2003.
http://www.lira.dist.unige.it/limbs/0203/abstracts/janicic.htm

41. (joint work with Mateja Jamnik)
„Can decision procedures be learnt automatically¿‘
Seminar of Mechanized Reasoning Group
DIST, University of Genova, Genova, 05.06.2003.

42. (joint work with Alan Bundy and Alan Smaill)
„On predicting a grammar of a normal-form“
Workshop Proof, Computation, Complexity
Dresden, Germany, 17.06.-19.06.2004. (19.06.2004)

43. „WinGCLC — A Workbench for Geometry“
CISUC Seminar
University of Coimbra, Portugal, September 21, 2005.

44. „GCLC/WinGCLC — A Workbench for Geometry... and More...“
Mini workshop on automated theorem proving in geometry
University of Linz, Linz, Austria, May 13, 2006.

45. „GCLC – A Tool for Constructive Euclidean Geometry and More than That“
International Congress of Mathematical Software (ICMS 2006)
Castro Urdiales, Spain, 01.09.-03.09.2006. (01.09.2006.)

46. (joint work with Pedro Quaresma)
„GeoThms – A Framework for Constructive Geometry“
Workshop on Multimedia Technology for Mathematics and Computer Science Education
Belgrade, September 21-24, 2006. (22.09.2006.)
http://www.matf.bg.ac.rs/~daad/2006/prelim_program_sep_06.htm

47. (joint work with Alan Bundy)
„Automatic Synthesis of Decision Procedures: a Case Study of Ground and Linear Arithmetic“
Calculemus
Hagenberg, Austria, June 27–29, 2007.
http://www.risc.jku.at/conferences/Calculemus2007/?content=prog

48. „GCLC – Recent Developments“
Workshop on Geometry and Visualization
Belgrade, September 20-22, 2007. (21.09.2007.)
http://poincare.matf.bg.ac.rs/~daad/2007/prelim_program_07.htm

49. „ARGO Group Presentation“
Workshop on Formal Theorem Proving and Applications
Belgrade, January 29 — February 1, 2008. (31.01.2008.)
http://argo.matf.bg.ac.rs/events/2008/ftpa2008/ftpa2008.html

50. „Tutorial on Intelligent Geometrical Software and GCLC“
Spring School on Geometry and Visualization
Belgrade, April 19 — 25, 2008. (22.04.2008.)
http://www.matf.bg.ac.rs/~daad/SpringSchool08/SpringSchool2008.htm

51. „Dynamic Geometry Software and the GCLC System“
Seminari di Geometria Dinamica, Department of Mathematics, University of Rome „La Sapienza“
Rome, November 11, 2008.
http://www.dmmm.uniroma1.it/~giuseppe.accascina/Seminari_di_Geometria_dinamica/

52. „Automated Deduction in Geometry within the GCLC System“
Seminari di Geometria Dinamica/Seminari di Topologia Algebrica e Differenziale, Department of Mathematics, University of Rome „La Sapienza“
Rome, November 13, 2008.
http://www.dmmm.uniroma1.it/~giuseppe.accascina/Seminari_di_Geometria_dinamica/
http://www.mat.uniroma1.it/ricerca/seminari/topologia/0809.html

53. „Poseta Univerzitetu u Rimu i prezentacija paketa GCLC“
ARGO Seminar
University of Belgrade, December 3, 2008.
http://argo.matf.bg.ac.rs/?content=seminar/najave

54. „Uniformno svodjenje teških problema na SAT“
    ARGO Seminar
    University of Belgrade, February 25, 2009.
    http://argo.matf.bg.ac.rs/?content=seminar/najave

55. „Korišćenje lema u algebarskim dokazivačima geometrijskih teorema“
    ARGO Seminar
    University of Belgrade, April 29, 2009.
    http://argo.matf.bg.ac.rs/?content=seminar/najave

56. „Automated Geometry Theorem Proving: Readability vs. Efficiency“
    CADGME 2009
    Hagenberg, July 11-13, (July 11), 2009.
    http://www.risc.jku.at/conferences/cadgme2009

57. „Presentation of ARGO Group“
    Kick-off Meeting of COST Action IC0901
    Brussels, October 30, 2009.

58. (joint work with Filip Marić)
    „Uniform Reduction to SAT and SMT“
    COST Action IC0901 WG1 and WG2 Meeting and Third Workshop on Formal and Automated Theorem Proving and Applications
    Belgrade, January 29-30, 2010.
    http://argo.matf.bg.ac.rs/events/2010/fatpa2010/fatpa2010.html

59. „The Tool GCLC and Links Between Automated Deduction and Dynamic Geometry“
    Workshop Automatic Deduction and GeoGebra
    Castro Urdiales, Spain, February 7-10, (February 8), 2010.
    http://www.ciem.unican.es/proving2010

60. (with Sana Stojanović, Vesna Pavlović, and Mladen Nikolić)
    „Ideje o razvoju novog dokazivaca teorema za koherentnu logiku“
    ARGO Seminar
    University of Belgrade, March 31, 2010.
    http://argo.matf.bg.ac.rs/?content=seminar/najave

61. „Neke novosti iz oblasti geometrijskog rezonovanja i dinamicke geometrije“
    ARGO Seminar
    University of Belgrade, May 12, 2010.
    http://argo.matf.bg.ac.rs/?content=seminar/najave

62. „An Overview of Automated Reasoning in Serbia“
    History of Logic in Serbia
    Belgrade, June 14-15 (June 15), 2010.
    http://www.mi.sanu.ac.rs/conferences/IST-LOG2010.htm

63. „Mathematical Visualization Tool GCLC/WinGCLC“
The Third School in Astronomy: Astroinformatics — Virtual Observatory
Belgrade, June 29—July 01, (June 29) 2010.
www.matf.bg.ac.rs/~andjelka/AIVO/

64. (joint work with Filip Marić)
„Uniform Reduction to SMT“
SVARM Workshop
Edinburgh, UK, July 20-21 (July 21), 2010.
http://richmodels.epfl.ch/svarm10

65. (joint work with Mladen Nikolić)
„DPLL-Based Theorem Prover for Coherent Logic“
Alpine Verification Meeting (AVM) / COST IC0901 Meeting
Lugano, Switzerland, October 17-18 (October 18), 2010.
http://richmodels.epfl.ch/lugano

66. (zajedničko izlaganje sa Filipom Maićem i Mladenom Nikolićem)
„Pregled aktivnosti grupe za automatsko rezonovanje“
Seminar Katedre za računarstvo i informatiku
Matematički fakultet, January 13, 2011.
http://computing.matf.bg.ac.rs/1011_zimski.html

67. „Prikaz posete univerzitetu EPFL i učešća na konferenciji SuRI“
ARGO Seminar
University of Belgrade, June 29, 2011.
http://argo.matf.bg.ac.rs/?content=seminar/najave

68. (joint work with Vesna Marinković)
„Automated Solving of Triangle Construction Problems“
FATPA 2012 Workshop
Belgrade, February 4-5 (February 5), 2012.
http://argo.matf.bg.ac.rs/events/2012/fatpa2012/fatpa2012.html

69. (joint work with Vesna Marinković)
„Automated Synthesis of Geometric Construction Procedures“
SVARM 2012 Workshop
Tallinn, March 31-April 01 (March 31), 2012.
http://pauillac.inria.fr/~herbelin/aipa2012/

70. (joint work with Filip Marić)
„Uniformno svođenje na SAT i SMT“
Seminar za logiku
Matematički institut SANU, Beograd, April 27, 2012.

71. (joint work with Ivan Petrović, Zoltán Kovács, Simon Weitzhofer, Markus Hohenwarter)
„Extending GeoGebra with Automated Theorem Proving by using OpenGeoProver“
CADGME 2012
Novi Sad, June 22-24 (June 22), 2012.
http://sites.dmi.rs/events/2012/CADGME2012/

72. (joint work with Mladen Nikolić)
„CDCL-based Abstract State Transition System for Coherent Logic“
SVARM-VERIFY Workshop (IJCAR workshop)
Manchester, June 30-July 01 (July 01), 2012.
http://baldur.iti.kit.edu/SVARM-VERIFY-2012/

73. „GCLC, Construction Problems, Coherent Logic, and all that“
Seminar of the computer geometry group
University of Strasbourg, France, July 19, 2012.
http://newlsiit.u-strasbg.fr/geometry_automation/index.php/Meetings

74. (joint work with Sana Stojanović)
„Automated Generation of Formal and Readable Proofs of Mathematical Theorems“
SVARM Workshop
Rome, January 20-21 (January 21), 2013.
http://richmodels.epfl.ch/rome13

75. (plenarno predavanje)
„SAT i svodjenje na SAT“
Četvrti simpozijum „Matematika i primene“ 2013
Beograd, Srbija, 24-25 maj, 2013.
http://alas.matf.bg.ac.rs/~konferencija/

76. (joint work with Marko Maliković)
„Proving Correctness of a KRK Chess Endgame Strategy by SAT-Based Constraint Solving“
Final COST Action Meeting
Madrid, October 17-18 (October 17), 2013
http://richmodels.epfl.ch/madrid13

77. (zajednički rad sa Markom Malikovićem)
„Dokazivanje korektnosti strategije za šahovsku završnicu KRK (kralj-top-kralj) svodjenjem na SAT“
Seminar Katedre za računarstvo i informatiku
Beograd, 5. decembar 2013
http://computing.matf.bg.ac.rs/1314_zimski.html

78. Predstavljanje rezultata projekta ON174021 *Automatsko rezonovanje i istraživanje podataka* Odeljenje za matematiku MI SANU Beograd, 16. maj 2014.

79. (joint work with Sana Stojanović, Julien Narboux, and Marc Bezem)
„A Vernacular for Coherent Logic“
Conferences on Intelligent Computer Mathematics – CICM 2014, Track Mathematical Knowledge Management – MKM 2014
Coimbra, Portugal, July 7-11, 2014.
http://cicm-conference.org/2014/cicm.php?event=&menu=day-schedule

80. (joint work with Vesna Marinković, and Pascal Schreck)
„Solving Geometric Construction Problems Supported by Theorem Proving“
10th International Workshop on Automated Deduction in Geometry
Coimbra, Portugal, July 9-11, 2014.
http://www.uc.pt/en/congressos/adg/adg2014/program/schedule

81. „Veze SAT-a i geometrije u automatskom rezonovanju“
Seminar Odeljenja za matematiku Matematičkog instituta SANU, dvodneni seminar povodom sedamdeset godina Matematičkog instituta
Beograd, 11-12 maj (12. maj), 2016.
http://www.mi.sanu.ac.rs/novi_sajt/colloquiums/programs/mathcoll.may2016.php

82. „Portfolio Methods in Theorem Proving for Elementary Geometry (joint work with Vesna Marinković, Mladen Nikolić, and Zoltan Kovacs)“
Automated Deduction in Geometry – ADG 2016
June 27-29, 2016, Strasbourg, France
http://icube-web.unistra.fr/adg2016

83. „Automatsko i interaktivno dokazivanje u geometriji “
Seminar za logiku
Matematički institut SANU, Beograd, 16.06.2017.
http://www.mi.sanu.ac.rs/novi_sajt/seminars/programs/seminar1.jun2017.php

84. „Sinteza procedura odlučivanja korišćeenjem pravila prezapisivanja“
Konferencija posvećena prof. Žarku Mijajloviću
Beograd, 16-17 (17) novembar 2018.
http://www.mi.sanu.ac.rs/novi_sajt/research/conferences/zm_program.pdf

85. „URSA: A System for Uniform Reduction to SAT“
University of Milan, Department of Computer Science
October 29, 2019.
http://www.di.unimi.it/ecm/home/aggiornamenti-e-archivi/tutte-le-notizie/content/ursa-a-system-0000.UNIMIDIRE-80408

86. „Automatsko rezonovanje i primeri sistema za rezonovanje u iskaznoj logici, u logici prvog reda i u geometriji“
Seminar iz Veštačke inteligencije
Matematički institut SANU, virtuelno, 7. april 2021.

87. (joint work with Julien Narboux)
„Automated Generation of Illustrations for Synthetic Geometry Proofs“
13th International Conference on Automated Deduction in Geometry
Hagenberg/virtual, Austria, September 15-17, 2021.
https://www3.risc.jku.at/conferences/adg2020/

88. „Automated Reasoning: What is it good for? “
Microsoft Development Center Serbia
Belgrade, Serbia, October 31, 2022.

89. (joint work with Julien Narboux)

    ,,Automatsko dokazivanje teorema kao rešavanje problema ograničenja“

    Seminar za računarstvo i primenjenu matematiku, MI SANU

    Belgrade, Serbia, May 23, 2023.

90. (joint work with Salwa Tabet Gonzalez and Julien Narboux)

    ,,Automated Completion of Statements and Proofs in Synthetic Geometry: an Approach based on Constraint Solving“

    14th International Conference on Automated Deduction in Geometry (ADG 2023)

    Belgrade, Serbia, September 21, 2023.

    https://adg2023.matf.bg.ac.rs/

91. (joint work with Julien Narboux)

    ,,Automatsko dokazivanje teorema kao rešavanje problema ograničenja“

    Odeljenje za matematiku, MI SANU

    Belgrade, Serbia, February 9, 2024.

    https://www.mi.sanu.ac.rs/novi_sajt/colloquiums/programs/mathcoll.feb2024.php

92. (joint work with Julien Narboux)

    ,,Theorem proving as constraint solving and prover Larus“

    DReaM Talk, University of Edinburgh

    Online, January 26, 2026.

U nekoliko prilika moj rad je na konferencija ljubazno prezentovan od strane mojih koautora ili drugih kolega:

1. (joint work with Alan Bundy and Ian Green; presented by Alan Bundy)

   ,,A comparison of decision procedures for Presburger arithmetic“

   Calculemus 1997.

   Edinburgh, Scotland, 24 - 26 September, 1997.

   http://www.calculemus.net/meetings/edinburgh97/

2. (joint work with Alan Bundy and Ian Green; presented by Alan Bundy)

   ,,A Framework for the Flexible Integration of a Class of Decision Procedures into Theorem Provers“

   CADE-16 (FLoC '99)

   Trento, Italy, 5.07.-11.07.1999. (7.07.1999)

   http://www2.informatik.hu-berlin.de/lics/OLD/floc99/index.html

3. (joint work with Alan Bundy; presented by Alan Bundy)

   ,,A Flexible Framework for the Combination and Augmentation of Decision Procedures in Theorem Provers“

   CIAO 2001

   Genova, April 2001, Genova.

   http://dream.inf.ed.ac.uk/events/CIAO/

4. (joint work with Alan Bundy and Ian Green; presented by Alan Bundy)

   ,,A comparison of decision procedures in Presberger Arithmetic“

   University of Genova

   Genova, October 2, 2001.

5. (joint work with Alan Bundy and Alan Smaill; presented by Alan Bundy)
   „Predicting the BNF of a Normal Form“
   CIAO 2003
   Dagstuhl, April 2003
   http://www.dfki.de/CIAO-2003/

6. (joint work with Alan Bundy and Alan Smaill; presented by Alan Bundy)
   „On Predicting a Grammar of a Normal Form“
   CIAO 2004
   Genova, April 2004
   http://dream.inf.ed.ac.uk/events/CIAO/

7. (joint work with Mateja Jamnik; presented by Silvio Ranise)
   „Can Decision Procedures be learnt automatically? “
   FTP 2003
   Valencia, June 2004.
   http://rewriting.loria.fr/FTP-2003/valencia/

8. (joint work with Filip Marić; presented by Cesare Tinelli)
   „SMT in XML clothes“
   PDPAR 2004
   Dublin, July 2004
   http://www.loria.fr/~ranise/pdpar04/

9. (joint work with Dejan Jovanović; presented by Dejan Jovanović)
   „Logical Analysis of Hash Functions“
   Frontiers of Combining Systems (FroCoS)
   Vienna, September 19-21, 2005.
   http://www.logic.at/frocos05/

10. (joint work with Alan Bundy and Alan Smaill; presented by Alan Bundy)
    „On Predicting the Grammar of the Normal Form“
    Deduction Meeting
    Dagstuhl, October 23-28, 2005.
    http://drops.dagstuhl.de/opus/volltexte/2006/562/pdf/05431_abstracts_collection.562.pdf

11. (joint work with Boris Ajdin, Jelena Novičić, Radmila Stamenčić; presented by Boris Ajdin)
    „Ray Tracing in Poincare's Ball Model of Hyperbolical Space“
    Workshop on Multimedia Technology for Mathematics and Computer Science Education
    Belgrade, November 10-11, 2005.
    http://poincare.matf.bg.ac.rs/~daad/work/program_nov_05.htm

12. (joint work with Pedro Quaresma; presented by Pedro Quaresma)
    „Automated Production of Readable Proofs for Theorems in Euclidean Geometry — poverGCLC & GeoThms“
    Days in Logic '06
    Coimbra, January 19-21, 2006.
    http://www.mat.uc.pt/~kahle/dl06/

13. (joint work Sana Stojanović and Vesna Pavlović; presented by Sana Stojanović)
„Formalization and Automation of Euclidean Geometry“
Second Workshop on Formal and Automated Theorem Proving and Applications
Belgrade, Jan 30-Jan 31, 2009.
http://argo.matf.bg.ac.rs/events/2009/fatpa2009/fatpa2009.html

14. (joint work Mladen Nikolić and Filip Marić; presented by Mladen Nikolić)
„Instance-based Selection of Strategies for SAT Solvers“
Second Workshop on Formal and Automated Theorem Proving and Applications
Belgrade, Jan 30-Jan 31, 2009.
http://argo.matf.bg.ac.rs/events/2009/fatpa2009/fatpa2009.html

15. (joint work Milan Šešum; presented by Milan Šešum)
„Uniform Reduction of Cryptographic Problems to SAT“
Second Workshop on Formal and Automated Theorem Proving and Applications
Belgrade, Jan 30-Jan 31, 2009.
http://argo.matf.bg.ac.rs/events/2009/fatpa2009/fatpa2009.html

16. (joint work with Mladen Nikolić and Filip Marić; presented by Mladen Nikolić)
„Instance Based Selection of Policies for SAT Solvers“
SAT 2009: Twelfth International Conference on Theory and Applications of Satisfiability Testing
Swansea, Wales, United Kingdom, June 30 - July 3, 2009.
http://cs-svr1.swan.ac.uk/~csoliver/SAT2009/

17. (joint work with Filip Marić; presented by Filip Marić)
„SAT Verification Project“
TPHOLs 2009: Theorem Proving in Higher Order Logic
Munich, August 17-20, 2009.
https://isabelle.in.tum.de/nominal/activities/tphols09/

18. (joint work with Filip Marić; presented by Filip Marić)
„URBiVA: Uniform Reduction to Bit-Vector Arithmetic“
IJCAR
Edinburgh, July 16-19, (July 18) 2010.
http://www.floc-conference.org/IJCAR-home.html

19. (joint work with Aleksandar Zeljić; presented by Aleksandar Zeljić)
„Solving Some NP-complete Problem Instances by Reductions“
FATPA 2011 Workshop
Belgrade, February 4-5, 2012.
http://argo.matf.bg.ac.rs/events/2011/fatpa2011/

20. (joint work with Filip Marić, Ivan Petrović, Danijela Petrović; presented by Filip Marić)
„Formalization and Implementation of Algebraic Methods in Geometry“
THedu, CADE Workshop
Wroclaw, July 31, 2011.
http://www.uc.pt/en/congressos/thedu/thedu11

21. (joint work with Mladen Nikolić; presented by Mladen Nikolić)
„CDCL-Based Abstract State Transition System for Coherent Logic“
FATPA 2012 Workshop
Belgrade, February 3-4, 2012.
http://argo.matf.bg.ac.rs/events/2012/fatpa2012/

22. (joint work with Marko Maliković and Mirko Čubrilo; presented by Marko Maliković)
„Formal Analysis of Correctness of a Strategy for the KRK Chess Endgame“
FATPA 2012 Workshop
Belgrade, February 3-4, 2012.
http://argo.matf.bg.ac.rs/events/2012/fatpa2012/

23. (joint work with Ivan Petrović; presented by Ivan Petrović)
„Integration of OpenGeoProver with GeoGebra“
FATPA 2012 Workshop
Belgrade, February 3-4, 2012.
http://argo.matf.bg.ac.rs/events/2012/fatpa2012/

24. (joint work with Milena Marić; presented by Milena Marić)
„Using GCLC and its Theorem Provers for Teaching Geometry“
CADGME 2012
Novi Sad, June 22-24, 2012.
http://sites.dmi.rs/events/2012/CADGME2012/

25. (joint work with Mladen Nikolić; presented by Mladen Nikolić)
„CDCL-Based Abstract State Transition System for Coherent Logic“
CICM/Calculemus 2012
Bremen, July 8-13, 2012.
http://cicm-conference.org/2012/cicm.php

26. (joint work with Vesna Marinković; presented by Filip Marić)
„Towards Understanding Triangle Construction Problems“
CICM/Mathematical Knowledge Management 2012
Bremen, July 8-13, 2012.
http://cicm-conference.org/2012/cicm.php

27. (joint work with Marko Maliković and Mirko Čubrilo; presented by Marko Maliković)
„Formalization of a Strategy for the KRK Chess Endgame“
Conference on Information and Intelligent Systems - CECiiS 2012
Varaždin, Croatia, September 2012.
http://www.ceciis.foi.hr/app/index.php/ceciis/2012

28. (joint work with Vesna Marinković, Pascal Mathis and Pascal Schreck; presented by Pascal Schreck)
„Straightedge and Compass Constructions: Algebraic and Logical Approaches“
GC 2015 - International Seminar on Geometric Computation
Nanning, China, February 2-4, 2015.
http://gc2015.cc4cm.org

29. (joint work with Julien Narboux)
    ,,Automated Generation of Illustrations for Synthetic Geometry Proofs“
    ADG 2021 - Automated Deduction in Geometry
    Hagenberg/virtual, Austria, September 15-17, 2021.
    https://www3.risc.jku.at/conferences/adg2020/

30. (joint work with Julien Narboux; presented by Julien Narboux)
    ,,Theorem Proving as Constraint Solving with Coherent Logic“
    Dagstuhl Seminar 21472: Geometric Logic, Constructivisation, and Automated Theorem Proving
    Dagstuhl, Germany, November 21-26, 2021.
    https://www.dagstuhl.de/en/program/calendar/semhp/?semnr=21472
    https://drops.dagstuhl.de/opus/volltexte/2022/15932/

31. (joint work with Jelena Marković; presented by Jelena Marković)
    ,,Reconstruction of Axiom System Underlying Deductive Database Method“
    Konferencija Veštačka inteligencija
    Beograd, Srbija, 26-27.12.2024.
    http://www.mi.sanu.ac.rs/~ai_conf/
    http://www.mi.sanu.ac.rs/~ai_conf/

32. (joint work with Pedro Quaresma, Julien Narboux, Zoltán Kovács, Anna Petiurenko, Filip Marić, and Nuno Baeta; presented by Pedro Quaresma)
    ,,ADG-Lib Initiative“
    Automated Deduction in Geometry – ADG 2025,
    Stuttgart, Germany, 1-2 August 2025
    https://www.uc.pt/events/adg/2025/
    https://www.uc.pt/events/adg/2025/s

33. (joint work with Julien Narboux; presented by Julien Narboux)
    ,,Geometry Machine Revisited“
    Automated Deduction in Geometry – ADG 2025,
    Stuttgart, Germany, 1-2 August 2025
    https://www.uc.pt/events/adg/2025/
    https://www.uc.pt/events/adg/2025/

U nekoliko prilika prezentovao rad svojih kolega:

1. (work by Danijela Petrović)
    ,,Using Small-Step Refinement for Algorithm Verification in Computer Science Education“
    The 3rd International Workshop on Theorem proving components for Educational software – ThEdu 2014.
    Coimbra, Portugal, July 9, 2014.
    http://cicm-conference.org/2014/cicm.php?event=&menu=day-schedule

7.6 Učešće na konferencijama

1. „Logic, Algebra and Discrete Mathematics“, Niš, Yugoslavia, 14.04.-16.04.1995
2. 9. Kongres matematičara Jugoslavije, Petrovac na moru, Jugoslavija, 22.05.-27.05.1995
3. LIRA '95, Novi Sad, Yugoslavia, 26.09.-30.09.1995.
4. LIRA '97, Novi Sad, Yugoslavia, 01-04.09.1997.
5. „Algebra and Logic VIII“, Novi Sad, Yugoslavia, 21.09.-23.09.1998.
6. Kongres matematičara Jugoslavije, Beograd, Jugoslavija, 21-24.01.2001.
7. IJCAR '01, Siena, Italy (18.07-24.07.2001).
8. Workshop Proof, Computation, Complexity. Dresden, Germany, 17.06.-19.06.2004.
9. Mini workshop on automated theorem proving in geometry, Linz, Austria, May 13, 2006.
10. International Congress of Mathematical Software (ICMS 2006), Castro Urdiales, Spain, 01.09.-03.09.2006.
    http://historicosweb.unican.es/icms2006/
11. Calculemus, Hagenberg, Austria, June 27–29, 2007.
    http://www.risc.jku.at/conferences/Calculemus2007/?content=prog
12. FATPA 2008, Belgrade, Serbia, January 29 — February 1, 2008.
    http://argo.matf.bg.ac.rs/events/2008/ftpa2008/ftpa2008.html
13. FATPA 2009, Belgrade, Serbia, January 30 — 31, 2009.
    http://argo.matf.bg.ac.rs/events/2009/fatpa2009/fatpa2009.html
14. CADGME 2009, Hagenberg, Austria, July 11-13, 2009.
    http://www.risc.jku.at/conferences/cadgme2009
15. FATPA 2010, Belgrade, Serbia, January 29-30, 2010.
    http://argo.matf.bg.ac.rs/events/2010/fatpa2010/fatpa2010.html
16. Workshop Automatic Deduction and GeoGebra. Castro Urdiales, Spain, February 7-10, 2010.
    http://www.ciem.unican.es/proving2010
17. History of Logic in Serbia, Belgrade, Serbia, June 14-15, 2010.
    http://www.mi.sanu.ac.rs/conferences/IST-LOG2010.htm
18. SVARM Workshop, Edinburgh, UK, July 20-21 (July 21), 2010.
    http://richmodels.epfl.ch/svarm10
19. Alpine Verification Meeting (AVM) / COST IC0901 Meeting Lugano, Switzerland, October 17-18 (October 18), 2010.
    http://richmodels.epfl.ch/lugano
20. FATPA 2011 Workshop, Belgrade, Serbia, February 4-5, 2011.
    http://argo.matf.bg.ac.rs/events/2011/fatpa2011.html
21. 22nd Central European Conference on Information and Intelligent Systems, CECiiS 2011, Sept 21-23, Varaždin, Croatia, 2011.
    http://www.ceciis.foi.hr/app/index.php/ceciis/2011
22. Rich Model Toolkit Workshop, Turin, Italy, Oct 3-4, 2011.
    https://sites.google.com/site/torino2011ic0901/
23. FATPA 2012 Workshop, Belgrade, Serbia, February 3-4, 2012.
    http://argo.matf.bg.ac.rs/events/2012/fatpa2012/fatpa2012.html

24. SVARM 2012 Workshop, Tallinn, Estonia, March 31-April 01 (March 31), 2012.
http://pauillac.inria.fr/~herbelin/aipa2012/

25. CADGME 2012, Novi Sad, Serbia, June 22-24, 2012.
http://sites.dmi.rs/events/2012/CADGME2012/

26. IJCAR/SVARM-VERIFY, Manchester, UK, June 30-July 01, 2012.
http://baldur.iti.kit.edu/SVARM-VERIFY-2012/

27. SVARM Workshop, Rome, Italy, January 20-21, 2013.
http://richmodels.epfl.ch/rome13

28. PDP Workshop, Belgrade, Serbia, March 30, 2013.
http://argo.matf.bg.ac.rs/events/2013/pdp2013/pdp2013.html

29. SVARM Workshop, San Anton, Malta, June 16-17, 2013.
http://richmodels.epfl.ch/malta13

30. Final COST Action IC0901 Meeting, Madrid, Spain, October 17-18, 2013.
http://richmodels.epfl.ch/madrid13

31. Conferences on Intelligent Computer Mathematics - CICM 2014 Coimbra, Portugal, July 7-11, 2014.
cicm-conference.org/2014

32. 10th International Workshop on Automated Deduction in Geometry, Coimbra, Portugal, July 9-11, 2014.
http://www.uc.pt/en/congressos/adg/adg2014/program/schedule

33. Conference on Computer Algebra and Dynamic Geometry Systems in Mathematics Education - CADGME 2014. Halle, Germany, September 26-29, 2014.
http://cadgme2014.cermat.org/

34. 11th Workshop on Automated Deduction in Geometry - ADG 2016, Strasbourg, France, June 27-29, 2016.
http://icube-web.unistra.fr/adg2016

35. Logic and Applications 2018 – LAP 2018 Dubrovnik, Croatia, September 24-28, 2018.
http://imft.ftn.uns.ac.rs/math/cms/LAP2018

36. The Sixth International Financial University – Forum 2019, Moscow, Russia, November 26-28, 2019
http://forum.fa.ru/en?pageid=3724413

37. 13th International Conference on Automated Deduction in Geometry – ADG 2021, Hagenberg/virtual, Austria, September 15-17, 2021.
https://www3.risc.jku.at/conferences/adg2020/

38. Dagstuhl Seminar 21472: Geometric Logic, Constructivisation, and Automated Theorem Proving Dagstuhl/hybrid, Germany, November 21-26, 2021.
https://www.dagstuhl.de/en/program/calendar/semhp/?semnr=21472

39. EuroProofNet Dedukti tools developers meeting 1
Le Val d'Ajol, France, October 15-18, 2022.
https://europroofnet.github.io/dk-meeting1/

40. EuroProofNet 2nd Dedukti tools developers meeting,
Frejus, France, January 27-29, 2023.
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41. 14th International Conference on Automated Deduction in Geometry (ADG 2023)
Belgrade, Serbia, September 20-22, 2023.
https://adg2023.matf.bg.ac.rs/

42. VI 2023 – Konferencija Veštačka inteligencija, Beograd, Srbija, 26-27 decembar 2023.
43. VI 2024 – Konferencija Veštačka inteligencija, Beograd, Srbija, 26-27 decembar 2024.
44. EuroProofNet WG2 Developers Meeting on Automated Theorem Provers for Geometry Institute of Mathematics, University of the National Education Commission, Krakow, Poland 03-05.06.2025 https://europroofnet.github.io/wg2-geo25/
45. VI 2025 – Konferencija Veštačka inteligencija, Beograd, Srbija, oktobar 9-10, 2025.

8 Publikacije

8.1 Knjige

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(*Introduction to LaTeX* (in Serbian))
ISBN: 86-82507-05-6

2. Predrag Janičić
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Matematički fakultet, Beograd
Prvo izdanje 1997, sedmo izdanje 2007.
(*Collection of problems in geometry* (in Serbian))
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3. Irena Spasić and Predrag Janičić
Teorija algoritama, jezika i automata – zbirka zadataka
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Prvo izdanje 2004, treće izdanje 2007.
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Real-World Reasoning: Toward Scalable, Uncertain Spatiotemporal, Contextual and Causal Inference
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7. Filip Marić, Predrag Janičić
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Matematički fakultet, 2015.
ISBN: 978-86-7589-100-0

8. Predrag Janičić, Mladen Nikolić
Veštačka inteligencija
Matematički fakultet, 2021.
ISBN: 978-86-7589-148-2

9. Predrag Janičić, Filip Marić
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Matematički fakultet, 2022.
ISBN: 978-86-7589-156-7

8.2 Poglavlja u knjigama

1. Julien Narboux, Predrag Janičić, Jacques Fleuriot
„Computer-Assisted Theorem Proving in Synthetic Geometry“
Handbook of Geometric Constraint Systems Principles (editors Meera Sitharam, Audrey St. John, Jessica Sidman), pp 21-60, Chapman and Hall/CRC, Taylor & Francis Group, 2018.
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8.3 Zbonici

1. Predrag Janičić, Zoltán Kovács (Editors)
„Proceedings of the 13th International Conference on Automated Deduction in Geometry, ADG 2021, Hagenberg, Austria/virtual, September 15-17, 2021“
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8.4 Uređivanje specijalnih brojeva časopisa

1. Zoltán Kovács and Predrag Janičić (Guest Editors)
„Formalization of Geometry, Automated and Interactive Geometric Reasoning“
AMAI - Annals of Mathematics and Artificial Intelligence, Volume 91, Number 6, (Preface pp751–752), 2023
doi: DOI: https://doi.org/10.1007/s10472-023-09909-3
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„A comparison of decision procedures in Presburger arithmetic.“
In Ratko Tošić and Zoran Budimac, editors, *Proceedings of the VIII Conference on Logic and Computer Science (LIRA '97)*, pages 91–101, Novi Sad, Yugoslavia, September 1–4 1997. University of Novi Sad. Also available from Edinburgh as DAI Research Paper No. 872.
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3. Predrag Janičić, Alan Bundy, and Ian Green.
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In Harald Ganzinger, editor, *Proceedings of the 16th Conference on Automated Deduction (CADE-16)*, number 1632 in Lecture Notes in Artificial Intelligence Series, pages 127–141. Springer, 1999.
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Electronic Notes in Theoretical Computer Science, 86(1), pages 174-189, 2003.
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23. Predrag Janičić and Alan Bundy
,,Automatic Synthesis of Decision Procedures: a Case Study of Ground and Linear Arithmetic“
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„Automated Generation of Formal and Readable Proofs in Geometry Using Coherent Logic“
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„Solving Geometric Construction Problems Supported by Theorem Proving“
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„Automated Theorem Proving in GeoGebra: Current Achievements“
Journal of Automated Reasoning, Volume 55, Issue 1, pp 39-59, 2015.
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„Automated Generation of Machine Verifiable and Readable Proofs: A Case Study of Tarski's Geometry“
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„Constructibility Classes for Triangle Location Problems“
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„Geometrisation of Geometry (Invited talk)“
Proceedings of Automated Deduction in Geometry - ADG 2016.
doi:
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„Portfolio Methods in Theorem Proving for Elementary Geometry“
Proceedings of Automated Deduction in Geometry - ADG 2016.
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„Portfolio theorem proving and prover runtime prediction for geometry“
Annals of Mathematics and Artificial Intelligence, 85(2-4), pp 119-146, 2019
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57. Predrag Janičić, Filip Marić, Marko Maliković
„Computer-Assisted Proving of Combinatorial Conjectures Over Finite Domains: A Case Study of a Chess Conjecture“
Logical Methods in Computer Science, Volume 15, Issue 1, pp. 34:1–34:37, 2019
doi: 10.23638/LMCS-15(1:34)2019
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„New dynamics in dynamic geometry: Dragging constructed points“
Journal of Symbolic Computation, Volume 97, Pages 3-15, March-April 2020
doi: 10.1016/j.jsc.2018.12.002
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59. Predrag Janičić, Julien Narboux
„Automated Generation of Illustrations for Synthetic Geometry Proofs“
EPTCS (Electronic Proceedings in Theoretical Computer Science), Volume 352 – Proceedings of the 13th International Conference on Automated Deduction in Geometry, ADG 2021, Pages 91–102, 2021
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60. Predrag Janičić, Julien Narboux
„Theorem Proving as Constraint Solving with Coherent Logic“
Journal of Automated Reasoning, Volume 66, Issue 4, Pages 689–746, 2022.
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„Automated generation of illustrated proofs in geometry and beyond“
Annals of Mathematics and Artificial Intelligence, Volume 91, Number 6, Pages 797–820, 2023.
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„Automated Completion of Statements and Proofs in Synthetic Geometry: an Approach based on Constraint Solving“
EPTCS (Electronic Proceedings in Theoretical Computer Science), Volume 398 – Proceedings of the 14th International Conference on Automated Deduction in Geometry, ADG 2023, Belgrade, Serbia, September 21-23, Pages 21-37, 2023.
doi: http://dx.doi.org/10.4204/EPTCS.398.6
draft version orcid: yes

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„Theorem Proving as Constraint Solving for Coherent Logic with Function Symbols“
Journal of Automated Reasoning, Volume 69, article number 29, (2025)
doi: http://dx.doi.org/10.1007/s10817-025-09742-9
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64. Predrag Janičić, and Julien Narboux
„Geometry Machine Revisited“
Annals of Mathematics and Artificial Intelligence
doi: https://doi.org/10.1007/s10472-026-10016-2
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8.6 Izabrani softver

1. Predrag Janičić. *GCLC — Geometry Constructions → LaTeX*.
`http://www.matf.bg.ac.rs/~janicic/gclc.html`

2. Predrag Janičić. *URSA – A system for uniform reduction to SAT*. https://github.com/janicicpredrag/URSA

3. Predrag Janičić, Julien Narboux. *Larus - A theorem prover for coherent logic*. https://github.com/janicicpredrag/Larus

9 Profesionalne aktivnosti

9.1 Uređivački odbori

Član uređivačkog odbora časopisa:

- Publications de l'Institut Mathématique (od 2019);
- IPSI Transactions on Advanced Research;
- Computer Science and Information Systems (ComSIS) (do 2011.).
- Journal of Automated Reasoning (od 2026);

9.2 Organizator i predsedavajući konferencija

- FATPA '08 – First Workshop on Formal Theorem Proving and Applications, Belgrade, January 29 - February 1, 2008 (supported by ASO Research Foundation)
- FATPA '09 – Second Workshop on Formal and Automated Theorem Proving and Applications, Belgrade, January 30 - January 31, 2009.
- COST Action IC0901 Working Group 1 and Working Group 2 Meeting and FATPA '10 – Third Workshop on Formal and Automated Theorem Proving and Applications, Belgrade, Serbia, January 29-30, 2010.
- FATPA '11 – Fourth Workshop on Formal and Automated Theorem Proving and Applications, Belgrade, February 4-5, 2011.
- FATPA '12 – Fifth Workshop on Formal and Automated Theorem Proving and Applications, Belgrade, February 3-4, 2012.
- PDP '13 – Progress in Decision Procedures: From Formalizations to Applications, Belgrade, March 30, 2013.
- SAIM2020 – Serbian AI Meeting 2020, on-line, December 18, 2020. (with Pavle Subotić).

9.3 Generalni predsedavajući

- ADG 2023 – 14th International Conference on Automated Deduction in Geometry, Belgrade, Serbia, September 20-22, 2023.

9.4 Predsednik programskog odbora

- ADG 2021 – 13th International Conference on Automated Deduction in Geometry, Hagenberg, Austria, September 2021.

9.5 Član programskog odbora

- PDPAR '03 – Workshop on Pragmatics of Decision Procedures in Automated Reasoning, Miami, USA, July 29, 2003.
- PDPAR '05 – Workshop on Pragmatics of Decision Procedures in Automated Reasoning, Edinburgh, UK, July 12, 2005.
- ConvMathAssist – Convergence on Mathematics Assistants (Working Group; session chair), Conference Computer Algebra and Dynamic Geometry Systems in Mathematics Education, Linz, Austria, July 11-13, 2009.
- PLMMS 2009 – Workshop Programming Languages for Mechanized Mathematics Systems 2009, Munich, Germany, August 21, 2009.
- FM2009 – Formal Methods 2009, Eindhoven, the Netherlands, Oct 30 — Nov 7, 2009.
- GCR'10 – Geometric Constraints and Reasoning, Technical track of the 25th Annual ACM Symposium on Applied Computing SAC 2010, Sierre, Switzerland, March 22 - 26, 2010.
- CADGME 2010 – Computer Algebra and Dynamic Geometry Systems in Mathematics Education, Hluboka nad Vltavou, Czech Republic, June 29 – July 1, 2010.
- SVARM 2010 – Synthesis, Verification, and Analysis of Rich Models, Edinburgh, United Kingdom, July 20-21, 2010.
- ADG 2010 – Eighth International Workshop on Automated Deduction in Geometry, Munich, Germany, July 22-24, 2010.
- GCR'11 – Geometric Constraints and Reasoning, Technical track of the 26th Annual ACM Symposium on Applied Computing SAC 2011, TaiChung, Taiwan, March 21 - 25, 2011.
- SCDG 2011 – Symbolic Computing for Dynamic Geometry, Technical Session at The 2011 International Conference on Computational Science and Its Applications (ICCSA 2011), University of Cantabria, Santander, Spain, 20-23 June 2011.
- THedu 2011 – CTP Components for Educational Software, July 31 2011, Wroclaw, Poland.
- GCR'12 – Geometric Constraints and Reasoning, Technical track of the 27th ACM Symposium On Applied Computing, Riva del Garda (Trento), Italy, March 25-29, 2012.
- SVARM & VERIFY Workshop 2012, Manchester, UK, June 30/July 1, 2012.
- THedu 2012 – The 2nd International Workshop on Theorem Proving Components for Educational Software, Jacobs University, Bremen, Germany, July 11, 2012.
- ADG 2012 – Ninth International Workshop on Automated Deduction in Geometry, Edinburgh, UK, September 17-19, 2012.
- CADE-24 – the 24th International Conference on Automated Deduction, Lake Placid, New York, USA, June 9-14, 2013.
- CICM 2013 – Conferences on Intelligent Computer Mathematics, Bath, UK, July 8-12, 2013.
- CICM 2014 – Conferences on Intelligent Computer Mathematics, Coimbra, Portugal, July 7-9, 2014.
- ADG 2014 – 10th International Workshop on Automated Deduction in Geometry, Coimbra, Portugal, July 9-11, 2014.
- CICM 2015 – Conference on Intelligent Computer Mathematics, Washington DC, USA, July 2015.
- ADG 2018 – 12th International Workshop on Automated Deduction in Geometry, Nanning, China, September 11-14, 2018.

- AISC 2018 – 13th International Conference on Artificial Intelligence and Symbolic Computation, Suzhou, China, September 16-19, 2018.
- PxTP 2021 – 7th Workshop on Proof eXchange for Theorem Proving, Affiliated with the 28th International Conference on Automated Deduction (CADE-28). July 11th 2021, Pittsburgh.
- IJCAI 2021 – 30th International Joint Conference on Artificial Intelligence (IJCAI-21), Montreal, Canada, August 21-26, 2021.
- IJCAI 2022 – 31th International Joint Conference on Artificial Intelligence (IJCAI-22), Vienna, Austria, August, 2022.
- LPAR 2023 – 24th International Conference on Logic for Programming, Artificial Intelligence and Reasoning, Manizales Colombia, 4-9th June 2023.
- IJCAI 2023 – 32th International Joint Conference on Artificial Intelligence (IJCAI-23), Cape Town, South Africa, August 19-25, 2023.
- VI 2023 – Konferencija Veštačka inteligencija, Beograd, Srbija, 26-27 decembar 2023.
- IJCAI 2024 – 33th International Joint Conference on Artificial Intelligence, Jeju, South Corea, August 03-09, 2024.
- VI 2024 – Konferencija Veštačka inteligencija, Beograd, Srbija, decembar 26-27, 2024.
- ADG 2025 – 12th International Workshop on Automated Deduction in Geometry, Stuttgart, Germany, August, 01-02, 2025.
- IJCAI 2025 – 34th International Joint Conference on Artificial Intelligence, Montreal, Canada, August 16-22, 2025.
- VI 2025 – Konferencija Veštačka inteligencija, Beograd, Srbija, oktobar 9-10, 2025.
- ECAI 2025 – 28th European Conference on Artificial Intelligence, Bologna, Italy, October 25-30, 2025.
- IJCAI/ECAI 2026 – 35th International Joint Conference on Artificial Intelligence, Bremen, Germany, August 15-21, 2026.

9.6 Recenziranje

Recenzirao radove za časopise:

- *Journal of Automated Reasoning*
- *Theoretical Computer Science*
- *Information and Computation*
- *Computational Geometry: Theory And Applications*
- *Frontiers in Computer Science*
- *Journal of Systems Science and Complexity*
- *Annals of Mathematics and Artificial Intelligence*
- *Journal of Symbolic Computation*
- *Mathematics and Computers in Simulation*
- *Bulletin of Symbolic Logic*

Recenzirao radove za konferencije:

- *International Joint Conference on Automated Reasoning* (IJCAR)
- *International Joint Conference on Artificial Intelligence* (IJCAI),
- *Conference on Automated Deduction* (CADE)
- *Logic Programming and Automated Reasoning* (LPAR)
- *Automated Deduction in Geometry* (ADG)
- *Geometric Constraints and Reasoning* (GCR)
- *Pragmatics of Decision Procedures in Automated Reasoning* (PDPAR)
- *Formal Methods* (FM)
- *Programming Languages for Mechanical Mathematical Systems* (PLMMS).
- *Conferences on Intelligent Computer Mathematics* (CICM)

9.7 Profesionalne asocijacije

- Asocijacija za automatsko rezonovanje.
  https://aarinc.org/
- Član Odbora za obrazovanje SANU (od novembra 2012 do novembra 2015)
  https://www.sanu.ac.rs/Odbor-obrazovanje/Index.aspx

10 Nastava

Od 1993. do 2001. držao vežbe iz predmeta Osnovi geometrije, Teorija algoritama, jezika i automara i Primene računara (algoritmika).

Od 2001. godine držao kurseve Programiranje 1, Programiranje 2, Matematička logika u računarstvu, Veštačka inteligencija, Računarska grafika, Geometrijski algoritmi i nekoliko poslediplomskih kurseva, u domenu teorijskog računarstva i automatskog rezonovanja.

Rukovodio izradom sledećih doktorskih teza:

- Filip Marić: Formalizacija, implementacija i primene SAT rešavača (2009);
- Mladen Nikolić: Usmeravanje pretrage u automatskom dokazivanju teorema (2013)
- Vesna Marinković (rođena Pavlović): Automatsko rešavanje konstruktivnih problema u geometriji (04.06.2015)
- Sana Stojanović Djurdjević: Formalizacija i automatsko dokazivanje teorema euklidske geometrije (07.09.2016)

Rukovodio izradom sledećih magistarskih teza:

- Filip Marić: Implementacija shema za ugradnju procedura odlučivanja u dokazivače teorema (2005);
- Andrija Tomović: Algoritmi za primenu n-grama u obradi velikih količina podataka (2005);
- Goran Predović: Automatsko dokazivanje geometrijskih teorema primenom Vuove i Buhberg-erove metode (2008).
- Mladen Nikolić: Metodologija izbora pogodnih vrednosti parametara SAT rešavača (2008).

i sledećih master teza:

- Petar Maksimović: Jednočlani potpuni skupovi veznika za iskaznu logiku (25.09.2008.).

- Luka Tomašević: Algoritmi za crtanje grafova (02.10.2008.).
- Milan Šešum: Svodjenje kriptografskih problema na problem SAT (02.10.2008.).
- Boris Ajdin: Rejtrejsing u Poenkareovom modelu hiperboličke ravni (07.10.2010.).
- Aleksandar Zeljić: Rešavanje NP-kompletnih problema svodjenjem (10.10.2011.)
- Milan Todorović: Primene ne-KNF rešavača (10.10.2011.)
- Dejan Mitrović: Kontrola autonomnog vozila u virtuelnom saobraćajnom okruženju (13.07.2015.)
- Milica Selaković: Geometrijske konstrukcije na uređajima osetljivim na dodir (05.09.2018.)
- Aleksandra Djurić: Integrisano planiranje kretanja i redosleda izvršavanja zadataka korišćenjem SMT rešavača (22.09.2020.)
- Igor Rodić: Igre parnosti i njihovo rešavanje svodjenjem na SAT (22.09.2020.)

Bio spoljni član komisije ili recenzent za sledeće doktorske teze:

- Pierre Boutry: On the Formalization of Foundations of Geometry, PhD thesis, University of Strasbourg, France, 13.11.2018.
- Bojan Banjac: Sistem za automatsko dokazivanje nekih klasa analitičkih nejednakosti, Elektrotehnički fakultet, Univerzitet u Beogradu, Srbija, 24.05.2019.
- Marina Milićević: Formalni sistemi za dokazivanje teorema incidencije, Fakultet tehničkih nauka, Univerzitet u Novom Sadu, Srbija, 28.10.2020.
- Anna Petiurenko: Foundations of geometry for secondary schools and prospective teachers, Pedagogical University of Krakow, Poland, 18.01.2023.

i sledeće master teze:

- Ali Sinan Köksal: Constraint Programming in Scala, MSc thesis, École Polytechnique Fédérale de Lausanne (EPFL), July 2011.
- Darko Jović: Realizacija distribuirane baze podataka u P2P okruženju, ETF, Univerzitet u Beogradu, 2014.

i jedan od supervizora tokom izrade teze:

- Radomír Černoch: Comparing methods for predicting the grammar of a normal form, MSc thesis, School of Informatics, University of Edinburgh, 2009.

Predavanja na studentskim konferencijama:

- „Talasi veštačke inteligencije“
  Make IT Learn MeetUp, AIBG-BEST
  Belgrade, 18.11.2021.
  https://aibg.best.rs/meetup/

Talks at student conferences:

- „Waves of Artificial Intelligence“
  Make IT Learn MeetUp, AIBG-BEST
  Belgrade, 18.11.2021.
  https://aibg.best.rs/meetup/

11 Konsultantske aktivnosti

Konsultant za veći broj kompanija, uključujući ANOX (2000-2003), Novamente (2007-2009), Microsoft (2015-2020).

12 Hobi i interesovanja

Slikanje i crtanje, rok gitara; književnost; film; koautor zvaničnog sajta, dva kompakt diska posvećenih Danilu Kišu („Ostavština“ ISBN:86-7035-101-3 i „Sabrana dela“ ISBN:86-904711-0-3); koautor sajta i jednog kompakct diska posvećenih Petru Petroviću Njegošu („Sabrana dela“; ISBN: 978-86-909889-0-7).

Aktivno znanje engleskog i pasivno znanje ruskog jezika.