CURRICULUM VITAE

Predrag JANIČIĆ
Matematički fakultet
Studentski trg 16, 11000 Beograd, Srbija
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url: http://www.matf.bg.ac.rs/~janicic

Sadržaj

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 [detalji]

Publikacije: 7 knjiga, ≈ 50 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. [detalji]

Predavanja i konferencije: ≈ 110 predavanja na konferencijama, radionicama i seminarima [detalji]

Član programskih odbora: ADG 2010/2012/2014, CADE-24 (2013), CADGME 2009/2010/2012, CICM 2013/2014/2015, FM 2009, GCR 2010/2011/2012, SCDG 2011, THedu 2012, PDPAR 2003/2005, PLMMS 2009. [detalji]

Predsedavajući konferencija: FATPA 2008/2009/2010/2011/2012, PDP 2013 [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).

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“, Italia
November 9 — November 16, 2008.

13. RISC Institute, University of Linz, Hagenberg, Austria
July 09 — July 14, 2009.

14. EPFL, Laussane, Switzerland
June 20 — June 24, 2011.

15. EPFL, Laussane, Switzerland
July 11, 2011.

16. University of Strasbourg, France
July 16-22, 2012.

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.
   http://suri.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

7.4 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 Marićem 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

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/

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

7.5 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

8 Publikacije

8.1 Knjige

1. Predrag Janičić and Goran Nenadić
Osnovi LaTeX-a
VEDES, Beograd, 1995.
(*Introduction to LaTeX* (in Serbian))
ISBN: 86-82507-05-6

2. Predrag Janičić
Zbirka zadataka iz geometrije
Matematički fakultet, Beograd
Prvo izdanje 1997, sedmo izdanje 2007.
(*Collection of problems in geometry* (in Serbian))
ISBN: 86-7589-031-1

3. Irena Spasić and Predrag Janičić
Teorija algoritama, jezika i automata – zbirka zadataka
Matematički fakultet, Beograd, 1999.
(*Theory of algorithms, languages and automata — collection of problems* (in Serbian)) ISBN: 86-7589-013-3

4. Aleksandar Samardžić, Goran Nenadić, and Predrag Janičić
LaTeX za autore
Kompjuter biblioteka, Beograd, 2003.
(*LaTeX for authors* (in Serbian))
http://knjige.kombib.rs/LaTeX2e_za_autore.html ISBN: 86-7310-277-4

5. Predrag Janičić
Matematička logika u računarstvu
Matematički fakultet, Beograd
Prvo izdanje 2004, treće izdanje 2007.
(*Mathematical logic in computer science* (in Serbian))
ISBN: 86-7589-040-0

6. Ben Goertzel, Nil Geisweiller, Lucio Coelho, Predrag Janičić, Cassio Pennachin
Real-World Reasoning: Toward Scalable, Uncertain Spatiotemporal, Contextual and Causal Inference Atlantis Press, 2011.
http://www.springer.com/computer/book/978-94-91216-10-7. ISBN: 978-94-91216-10-7

7. Filip Marić, Predrag Janičić
Programiranje 1
Matematički fakultet, 2015.
ISBN: 978-86-7589-100-0

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.
doi: ISBN-13: 978-1-4987-3891-0 (Hardback)
draft version

8.3 Članci

1. Predrag Janičić and Stevan Kordić
„EUCLID — the geometry theorem prover.“
FILOMAT, 9(3):723–732, 1995.
doi:
draft version

2. Predrag Janičić, Ian Green, and Alan Bundy
„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.
doi:
draft version

3. Predrag Janičić, Alan Bundy, and Ian Green.
„A framework for the flexible integration of a class of decision procedures into theorem provers.“
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.
doi: 10.1007/3-540-48660-7_9
draft version

4. Predrag Janičić, Nenad Dedić, and Goran Terzić
„On different models for generating random SAT problems“
Computing and Informatics (former *Computers and Artificial Intelligence*), 20(5):451–469, 2001.
doi:
draft version

5. Predrag Janičić and Alan Bundy
„Strict general setting for building decision procedures into theorem provers“
In Rajeev Goré, Alexander Leitsch, and Tobias Nipkow, editors, *The 1st International Joint Conference on Automated Reasoning (IJCAR-2001) — Short Papers*, Technical Report DII 11/01, pages 86–95. Universita degli Studi di Siena, Italia, 2001.
doi:
draft version

6. Predrag Janičić
„GD-SAT model and crossover line“

Journal of Experimental and Theoretical Artificial Intelligence, 13(3):181–198, 2001.
doi: 10.1080/09528130110063083
draft version

7. Predrag Janičić and Alan Bundy
„A General Setting for the Flexible Combining and Augmenting Decision Procedures“
Journal of Automated Reasoning, 28(3):257–305, 2002.
doi: 10.1023/A:1015707001763
draft version

8. Mateja Jamnik and Predrag Janičić
„Can decision procedures be learnt automatically¿‘
In Ingo Dahn and Laurent Vigneron, editors, Proceedings of the 4th International Workshop on First Order Theorem Proving, FTP'03. Valencia, Spain, June 12-14., pages 35–48. Technical Report DSIC-II/10/03 of the Universidad Politecnica de Valencia, 2003.
doi:
draft version

9. Mateja Jamnik and Predrag Janičić
„Learning strategies for mechanised building of decision procedures“
Electronic Notes in Theoretical Computer Science, 86(1), pages 174189, 2003.
doi: 10.1016/S1571-0661(04)80662-5
draft version

10. Predrag Janičić and Ivan Trajković
„WinGCLC — a Workbench for Formally Describing Figures“
In *Proceedings of the 19th spring conference on Computer graphics (SCCG 2003)*, pages 251–256, Budmerice, Slovakia, April, 24-26 2003. ACM Press, New York, USA.
doi: 10.1145/984952.984994
draft version

11. Predrag Janičić and Mirjana Djorić
„Constructions, instructions, interactions“
Teaching Mathematics and its Applications, 23(2), pages 69-88. Oxford University Press, 2004.
doi: 10.1093/teamat/23.2.69
draft version

12. Filip Marić and Predrag Janičić
„SMT-LIB in XML clothes“
In *Workshop Pragmatics of Decision Procedures in Automated Reasoning (PDPAR-2004)*, 2004.
doi:
draft version

13. Filip Marić and Predrag Janičić
„ARGO-LIB: A generic platform for decision procedures“
In David Basin and Michael Rusinowitch, editors, *The 2nd International Joint Conference on Automated Reasoning (IJCAR-2004)*, volume 3097 of *Lecture Notes in Artificial Intelligence*, pages 213–217. Springer, 2004.
doi: 10.1007/978-3-540-25984-8_13
draft version

14. Dejan Jovanović, Predrag Janičić
„Logical Analysis of Hash Functions“
In Bernhard Gramlich, editor, *Frontiers of Combining Systems (FroCoS)*, volume 3717 of *Lecture Notes in Artificial Intelligence*, pages 200-215, Springer, 2005.
doi: 10.1007/11559306_11
draft version

15. Andrija Tomović, Predrag Janičić, Vlado Kešelj
„N-gram-based Classification and Hierarchical Clustering of Genome Sequences“
Computer Methods and Programs in Biomedicine, Elsevier, Volume 81, number 2, pages 137–153, 2006.
doi: 10.1016/j.cmpb.2005.11.007
draft version

16. Pedro Quaresma and Predrag Janičić
„Integrating Dynamic Geometry Software, Deduction Systems, and Theorem Repositories“
MKM 2006, Lecture Notes in Computer Science 4108, Springer, 2006.
doi: 10.1007/11812289_22
draft version

17. Predrag Janičić and Pedro Quaresma
„System Description: GCLCprover + GeoThms“
International Joint Conference on Automated Reasoning (IJCAR) 2006, Lecture Notes in Computer Science 4130, Springer, 2006.
doi: 10.1007/11814771_13
draft version

18. Predrag Janičić
„GCLC – A Tool for Constructive Euclidean Geometry and More than That“
International Congress of Mathematical Software, Lecture Notes in Computer Science 4151, Springer-Verlag, 2006.
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„Geometry Tools GCLC and WinGCLC“
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„URBiVA: Uniform Reduction to Bit-Vector Arithmetic“
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„URSA: A System for Uniform Reduction to SAT“
Logical Methods in Computer Science, Volume 8 Issue 3, paper 30, 2012.
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„Proving Correctness of a KRK Chess Endgame Strategy by SAT-based Constraint Solving“
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Automated Deduction in Geometry - ADG 2014 (ed. Botana), Proceedings, Center for Informatics and Systems, University of Coimbra, Portugal, Technical Report CISUC/TR 2014/02, 2014. ISSN 0874-338X
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„Automated Generation of Machine Verifiable and Readable Proofs: A Case Study of Tarski's Geometry“
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Conference on Automated Deduction - CADE 25 (eds. A.P. Felty and A. Middeldorp), Lecture Notes in Computer Science, Volume 9195, pp 256-271, Springer, 2015.
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54. Predrag Janičić
„Geometrisation of Geometry (Invited talk)“
Proceedings of Automated Deduction in Geometry - ADG 2016.
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„Portfolio Methods in Theorem Proving for Elementary Geometry“
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„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, 2019, pp. 34:1–34:37
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8.4 Izabrani softver

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   http://www.matf.bg.ac.rs/~janicic/gclc.html
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9 Profesionalne aktivnosti

9.1 Uređivački odbori

Član uređivačkog odbora časopisa IPSI Transactions on Advanced Research i (do 2011.) Computer Science and Information Systems (ComSIS).

9.2 Programski odbori

Član programskog odbora za:

- 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.

9.3 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.

9.4 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)
- *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)

9.5 Profesionalne asocijacije

Asocijacija za automatsko rezonovanje.

Član Saveta Matematičkog fakulteta (od 2009 do 2013)

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 Buhberger-ove 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.)

Bio spoljni član komisije za sledeće doktorske teze:

- Pierre Boutry: On the Formalization of Foundations of Geometry, PhD thesis, University of Strasbourg, France, November 13, 2018.

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.

11 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.