CURRICULUM VITAE

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1 In Brief

Name: Predrag (Đorđe) Janičić

Date and place of birth: December 9, 1968, Priština, Serbia, Yugoslavia

Education: BSc (1993), MSc (1996) and PhD (2001) in Computer Science from Faculty of Mathematics, University of Belgrade [details]

Position: Full professor at Faculty of Mathematics, University of Belgrade [details]

Selected awards: First-placed at Yugoslav federal competition in mathematics (1987), Best student award of University of Belgrade (1993), City of Belgrade Award (2004). [details]

Research field: Automated reasoning and intelligent mathematical software. [details]

Fellowships/Grants: British Scholarship Trust, EPSRC, Coimbra Group Hospitality Scheme, DAAD, OAD, Egide/Pavle Savic, COST, SNF SCOPES, Ministry of Science of Serbia [details]

Research Visits: U Edinburgh, U Birmingham, U Heriot-Watt (Edinburgh), U Cambridge, TU Berlin, U Genova, U Coimbra, U Linz, U Graz, U Rome "La Sapienza", EPFL (Lausanne), U Strasbourg, U Milan, FU Moscow [details]

Publications: 9 books, > 60 peer-reviewed articles in journals (JAR, MLQ, LMCS, ICGA, ...) and conferences (IJCAR, CADE, FROCOS, ICMS, CALCULEMUS,...) DBLP profile/ Google Scholar profile/ MAS profile/ ORCID profile [details]

Invited talks: RSNM 2009, CECiiS 2011, SuRI 2011, CADGME 2014, ADG 2016, LAP 2018, Forum 2019 [details]

Talks and conferences: ≈ 125 talks at conferences, workshops, and seminars [details]

Workshop Chair: FATPA 2008/2009/2010/2011/2012, PDP 2013 [details]

General chair: ADG 2023 [details]

Program Committee Chair: ADG 2020. [details]

Program Committee Member: 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. [details]

Consultancy: ANOX, Novamente, Microsoft. [details]

2 Education and Degrees

Oct 1996 – Jan 2001 Doctor of Philosophy in Computer Science (PhD) Department of Computer Science, Faculty of Mathematics, University of Belgrade.

PhD Thesis: "Building-in Decision Procedures into Theorem Provers"; advisor: prof. Žarko Mijajlović (Univ. of Belgrade), coadvisor prof. Alan Bundy (Univ. of Edinburgh)

Oct 1993 – July 1996 Master of Science (MSc), Department of Computer Science, Faculty of Mathematics, University of Belgrade; grade point average 10.00.

Master's thesis: "One Method for Automated Geometry Theorems Proving" (advisor: prof. Zoran Lučić)

Oct 1988 – June 1993 Bachelor of Science (BSc), Department of Computer Science, Faculty of Mathematics, University of Belgrade; maximal grade point average – 10.00 (out of 10.00).

Final thesis: "Acting of Isometry Groups on Hyperbolical Plane — Computational Approach"; advisor prof. Z. Lučić.

Sept 1985 – June 1987 Mathematical-technical high school "Miladin Popović", Priština. Grade point average 5.00 (out of 5.00).

3 Professional History

Sept. 1987–Sept. 1988 Obligatory army service

Oct 1993 – Jan 2001 Teaching assistant at the Department of Computer Science, Faculty of Mathematics, University of Belgrade.

Jan 2001 – May 2008 Assistant professor at the Department of Computer Science, Faculty of Mathematics, University of Belgrade.

May 2008 – Mar 2015 Associate professor at the Department of Computer Science, Faculty of Mathematics, University of Belgrade.

Mar 2015 – Full professor at the Department of Computer Science, Faculty of Mathematics, University of Belgrade.

4 Awards and Distinctions

1982-1987

- 1st place in regional competitions in mathematics for six times;
- Participation in Yugoslav Federal Competitions in Mathematics for six times; in top seven for five times (1983–1987); 1st place in the federal competition in 1987;
- 2nd prize in Balkan Olimpiad in Mathematics in 1987. (Athens, Greece http://srb.imomath.com/index.php?options=19&lmm=1);
- Participation at the International Mathematics Olimpiad in 1987. (Havana, Cuba https://www.imo-official.org/participant_r.aspx?id=10606).

1985-1986

- 1st place in regional competitions in physics for two times;
- Participation in Yugoslav Federal Competitions in Physics for two times, 4st place in 1985;
- Participation in Balkan Olimpiad in Physics in 1986. (Plovdiv, Bulgaria).

1985-1987 Two times (1985/86 and 1986/87) annual Mathematical–Physical Magazine's (Zagreb) First Prize — "Stjepan Skreblin Award" for solutions of mathematical problems.

1989-1990 GENEX Fellowship

1990-1993 Fellowship from Foundation for especially talented students of Republic of Serbia (first-placed on qualification tests).

1991 University of Belgrade Prize for a reasearch project — "Acting of Planar Discontinuous Isometry Groups - Computational Approach".

1993 University of Belgrade Prize for a research project — "EUCLID - Geometry Theorems Prover" (co-author S.Kordić).

1994 University of Belgrade Prize for the best student graduated from the Faculty of Mathematics in 1993. (one of two students with GPA 10.0 graduated from the University of Belgrade in 1993).

2005 City of Belgrade Award for contributions in education.

5 Research Interests

Automated reasoning and intelligent mathematical software, especially:

- Automated reasoning in geometry;
- Intelligent geometry software;
- Automated theorem proving in coherent logic;
- SAT and SMT solving and applications;

6 Grants, Projects, and Fellowships

1996 Grant by The British Scholarship Trust (UK) for three-months visit to the University of Edinburgh, UK.

2001/02 EPSRC (UK) Visiting Fellowship grant GR/R52954/01, entitled ,,Flexible Incorporation of Decision Procedures into LambdaClam Proof-planning System“ for five-months visit to the University of Edinburgh, UK (19670 GBP).

2002 DAAD (Germany) grant for visit to the Technical University of Berlin, Germany.

2003–2005 Participation at the project 1379. and 1646. of Ministry of Science of Republic of Serbia.

2005 CIM/CISUC (Portugal) grant (within the Coimbra Hostpitality Scheme) for one-month visit to the University of Coimbra, Portugal.

2006–2010 Grant 144030 of Ministry of Science of Republic of Serbia (“Automated Reasoning and Data Mining“; grant holder).

2007 OAD (Austria) grant for visit to the University of Graz, Austria.

2007 OAD projekat 3-01-2007 ”Technical and Social Challenges related to Collaborative E-Learning in Central and South Eastern European Countries”, (rukovodioci projekta: Denis Helic i Walther Neuper, Tehnički univerzitet u Gracu

2009 OAD (Austria) grant for visit to the University of Linz, Austria.

2010–2013 Swiss fund SNF’s SCOPES grant `IZ73Z0_127979` for Joint Research Project (“Decision Procedures: from Formalizations to Applications”; with prof. Viktor Kunčak, University of Laussanne) (100000 CHF).

2009–2013 COST (EU) project IC0901 ,,Rich-Model Toolkit - An Infrastructure for Reliable Computer Systems“ (member of Management Committee).

2011–2018 Grant 174021 of Ministry of Science of Republic of Serbia (“Automated Reasoning and Data Mining“; grant holder).

2012–2013 Serbian-French Technology Co-Operation grant EGIDE/”Pavle Savić” 680-00-132/2012-09/12 (“Formalization and automation of geometry”; with prof. Julien Narboux, University of Strasbourg) (10000 EUR; accepted 17 out of 38 submitted proposals).

2019 Visiting grant by the government of Italy for visiting the University of Milan.

2019 Fellowship by the government of France for a reasearch visit to France.

7 Visits and Talks

7.1 Visits

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 Summer Schools

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 Invited Lectures

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 Panels

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 Talks

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. (plenary lecture)
„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. (joint work with Marko Maliković)
„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.

In several occasions my work was kindly presented by my co-authors or other colleagues:

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/

In several occasions I presented work of my colleagues:

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 Conferences Attended

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.
https://europroofnet.github.io/dk-meeting2/

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 Publications

8.1 Books

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
First edition 1997, seventh edition 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
First edition 2004, third edition 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. Predrag Janičić, Mladen Nikolić
Veštačka inteligencija
Matematički fakultet, 2021.
ISBN: 978-86-7589-148-2

9. Predrag Janičić, Filip Marić
Programiranje 2
Matematički fakultet, 2022.
ISBN: 978-86-7589-156-7

8.2 Book Chapters

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 orcid:

8.3 Proceedings

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“
EPTCS - Electronic Proceedings in Theoretical Computer Science, volume 352
doi: DOI: https://doi.org/10.4204/EPTCS.352
draft version orcid:

8.4 Special Issue Editing

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
draft version orcid:

8.5 Articles

1. Predrag Janičić and Stevan Kordić
„EUCLID — the geometry theorem prover.“
FILOMAT, 9(3):723–732, 1995.
doi:
draft version orcid: no

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 orcid: no

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 orcid: yes

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:
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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:
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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
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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
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8. 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
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9. 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 orcid: no

10. Mateja Jamnik and Predrag Janičić
„Learning strategies for mechanised building of decision procedures“
Electronic Notes in Theoretical Computer Science, 86(1), pages 174-189, 2003.
doi: 10.1016/S1571-0661(04)80662-5
draft version orcid: yes

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
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12. 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
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13. Filip Marić and Predrag Janičić
„SMT-LIB in XML clothes“
In *Workshop Pragmatics of Decision Procedures in Automated Reasoning (PDPAR-2004)*, 2004.
doi:
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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
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15. 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
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16. Petar Maksimović and Predrag Janičić
„Simple characterization of functionally complete one-element sets of propositional connectives“
Mathematical Logic Quarterly, 52(5), pp 498–504, 2006.
doi: 10.1002/malq.200610009
draft version orcid: yes

17. 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
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18. Pedro Quaresma and Predrag Janičić
„Integrating Dynamic Geometry Software, Deduction Systems, and Theorem Repositories“
MKM 2006, Lecture Notes in Computer Science 4108, Springer, 2006.
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19. 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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20. Milena Vujošević-Janičić, Jelena Tomašević, Predrag Janičić
„Random k-GD-Sat Model and its Phase Transition“
Journal of Universal Computer Science, Vol. 13, No. 4, pp. 572-591. 2007.
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21. Pedro Quaresma and Predrag Janičić
„GeoThms — a Web System for Euclidean Constructive Geometry“
Electronic Notes in Theoretical Computer Science, Vol 174/2, pp 35-48 Elsevier, 2007.
doi: 10.1016/j.entcs.2006.09.020
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22. Predrag Janičić, Pedro Quaresma
,,Automatic Verification of Regular Constructions in Dynamic Geometry Systems“
Francisco Botana and Tomas Recio (Eds.) Automated Deduction in Geometry, Lecture Notes in Artificial Intelligence, 4869, Springer-Verlag, Berlin-Heidelberg, 2007.
doi: 10.1007/978-3-540-77356-6_3
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23. Predrag Janičić and Alan Bundy
,,Automatic Synthesis of Decision Procedures: a Case Study of Ground and Linear Arithmetic“
Kauers et al. (Eds.) Towards Mechanized Mathematical Assistants, Lecture Notes in Computer Science, 4573, pp. 80-93. Springer-Verlag, Berlin-Heidelberg, 2007.
doi: 10.1007/978-3-540-73086-6_7
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24. Andrija Tomović, Predrag Janičić
,,A Variant of N-Gram Based Language Classification“
R. Basili and M.T. Pazienza (Eds.) AI*IA: Artificial Intelligence and Human-Oriented Computing , Lecture Notes in Artificial Intelligence, 4733, pp. 410–421, Springer-Verlag, Berlin-Heidelberg, 2007.
doi: 10.1007/978-3-540-74782-6_36
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25. Pedro Quaresma, Predrag Janičić, Jelena Tomašević, Milena Vujošević-Janičić, Dušan Tošić
,,XML-based Format for Geometry — XML-based Format for Descriptions of Geometrical Constructions and Geometrical Proofs“
Chapter in Communicating Mathematics in Digital Era (Eds J. M. Borwein, E. M. Rocha and J. F. Rodrigues), pages 183–197. A K Peters, Ltd. Wellesley, MA, USA, 2008. ISBN-10: 978-1568814100
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26. Mladen Nikolić, Filip Marić, Predrag Janičić
,,Instance Based Selection of Policies for SAT Solver“
SAT 2009, Lecture Notes in Computer Science 5584. Springer. 2009.
doi: 10.1007/978-3-642-02777-2_31
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27. Filip Marić, Predrag Janičić
,,SAT Verification Project“
In TPHOLs 2009: Theorem proving in higher order logics - Emerging trends, Technical Report TUM-I0916, Technical University Munich, 2009.
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28. Filip Marić, Predrag Janičić
,,URBiVA: Uniform Reduction to Bit-Vector Arithmetic“
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29. Predrag Janičić
,,Geometry Constructions Language“
Journal of Automated Reasoning, Volume 44, Numbers 1-2, pages 3-24, 2010.
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30. Filip Marić, Predrag Janičić
,,Formal Correctness Proof for DPLL Procedure“

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31. Sana Stojanović, Vesna Pavlović, Predrag Janičić
„Automated Generation of Formal and Readable Proofs in Geometry Using Coherent Logic“
Proceedings of Automated Deduction in Geometry, 2010.
doi:
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32. Predrag Janičić
„Geometry Tools GCLC and WinGCLC“
In: Accascina G., Rogora, E. (a cura di) Seminari di geometria dinamica, Edizioni Nuova Cultura, Roma, pages 227-243, 2010. ISBN: 978886134411
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33. Filip Marić and Predrag Janičić
„Formalization Of Abstract State Transition Systems For SAT“
Logical Methods in Computer Science, Volume 7, Number 3, Paper 19, 2011.
doi: 10.2168/LMCS-7(3:19)2011
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34. Sana Stojanović, Vesna Pavlović, Predrag Janičić
„A Coherent Logic Based Geometry Theorem Prover Capable of Producing Formal and Readable Proofs“
Automated Deduction in Geometry, Lecture Notes in Computer Science, Volume 6877, pp 201-220, Springer, 2011.
doi: 10.1007/978-3-642-25070-5_12
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35. Predrag Janičić
„Automated Reasoning: Some Successes and New Challenges“
Proceedings of 22nd Central European Conference on Information and Intelligent Systems, CECiiS 2011 (Invited lecture).
doi:
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36. Filip Marić, Ivan Petrović, Danijela Petrović, and Predrag, Janičić
„Formalization and Implementation of Algebraic Methods in Geometry“
Proceedings First Workshop on CTP Components for Educational Software, Electronic Proceedings in Theoretical Computer Science", volume 79, pages 63-81, 2012.
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37. Vesna Marinković and Predrag Janičić
„Towards Understanding Triangle Construction Problems“
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doi: 10.1007/978-3-642-31374-5_9
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38. Predrag Janičić, Julien Narboux, Pedro Quaresma
„The Area Method: A Recapitulation“
Journal of Automated Reasoning, 48(4), 489-532, 2012.
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39. Mladen Nikolić and Predrag Janičić
„CDCL-Based Abstract State Transition System for Coherent Logic“
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40. Predrag Janičić
„URSA: A System for Uniform Reduction to SAT“
Logical Methods in Computer Science, Volume 8 Issue 3, paper 30, 2012.
doi: 10.2168/LMCS-8(3:30)2012
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41. Predrag Janičić
„Overview Of Automated Reasoning In Serbia“
Pregled NCD 20, pp 53-58, 2012.
doi:
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42. Predrag Janičić
„Overview of Automated Reasoning in Serbia.“
In: chapter "History of Mathematical Logic in Serbia". Andrei Schumann (editor). Logic in Central and Eastern Europe: History, Science, and Discourse. University Press of America, 2012.
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43. Marko Maliković, Mirko Čubrilo, Predrag Janičić
„Formalization of a Strategy for the KRK Chess Endgame“
Proceedings of 23nd Central European Conference on Information and Intelligent Systems, CECiiS 2012, pp. 29-36, Varaždin, Croatia, September 2012.
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44. Marko Maliković, Predrag Janičić
„Proving Correctness of a KRK Chess Endgame Strategy by SAT-based Constraint Solving“
ICGA Journal, Volume 36, No. 2, 2013.
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45. Mladen Nikolić, Filip Marić and Predrag Janičić
„Simple algorithm portfolio for SAT“
Artificial Intelligence Review 40(4):457-465, 2013.
doi: 10.1007/s10462-011-9290-2
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46. Sana Stojanović, Julien Narboux, Marc Bezem, Predrag Janičić
„A Vernacular for Coherent Logic“
Intelligent Computer Mathematics - CICM 2014 (eds. Watt et.al.), Lecture Notes in Computer Science, Volume 8543, pp 388-403, Springer, 2014.
doi: 10.1007/978-3-319-08434-3_28
draft version orcid: yes

47. Filip Marić, Predrag Janičić, Marko Maliković
„Proving Correctness of a KRK Chess Endgame Strategy by using Isabelle/HOL and Z3“
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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48. Vesna Marinković, Predrag Janičić, Pascal Schreck
„Solving Geometric Construction Problems Supported by Theorem Proving“
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
doi:
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49. Vesna Marinković, Predrag Janičić, Pascal Schreck
„Computer Theorem Proving for Verifiable Solving of Geometric Construction Problems“
Automated Deduction in Geometry - ADG 2014 Postproceedings (eds. Botana and Quaresma), Lecture Notes in Computer Science, Volume 9201, pp 72–93, Springer, 2015.
doi: 10.1007/978-3-319-21362-0_5
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50. Francisco Botana, Markus Hohenwarter, Predrag Janičić, Zoltán Kovács, Ivan Petrović, Tomás Recio, Simon Weitzhofer
„Automated Theorem Proving in GeoGebra: Current Achievements“
Journal of Automated Reasoning, Volume 55, Issue 1, pp 39-59, 2015.
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51. Sana Stojanović, Julien Narboux, Predrag Janičić
„Automated Generation of Machine Verifiable and Readable Proofs: A Case Study of Tarski's Geometry“
Annals of Mathematics and Artificial Intelligence, Volume 74, Issue 3, pp 249?269, 2015.
doi: 10.1007/s10472-014-9443-5
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52. Pascal Schreck, Vesna Marinković, Predrag Janičić
„Constructibility Classes for Triangle Location Problems“
Mathematics in Computer Science, Springer, Volume 10, Issue 1, pp 27-39, 2016.
doi: 10.1007/s11786-016-0255-3
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53. Pascal Schreck, Pascal Mathis, Vesna Marinković, Predrag Janičić
„Wernick's list: A Final Update“
Forum Geometricorum, Volume 16, pp 69-80, 2016
doi:
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54. Predrag Janičić
„Geometrisation of Geometry (Invited talk)“
Proceedings of Automated Deduction in Geometry - ADG 2016.
doi:
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55. Vesna Marinković, Mladen Nikolić, Zoltan Kovacs, Predrag Janičić
„Portfolio Methods in Theorem Proving for Elementary Geometry“
Proceedings of Automated Deduction in Geometry - ADG 2016.
doi:
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56. Vesna Marinković, Mladen Nikolić, Zoltan Kovacs, Predrag Janičić
„Portfolio theorem proving and prover runtime prediction for geometry“
Annals of Mathematics and Artificial Intelligence, 85(2-4), pp 119-146, 2019
doi: 10.1007/s10472-018-9598-6
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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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58. Milica Selaković, Vesna Marinković, Predrag Janičić
„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
draft version orcid: yes

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
doi: https://doi.org/10.4204/EPTCS.352.9
draft version orcid: yes

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.
doi: https://doi.org/10.1007/s10817-022-09629-z
draft version orcid: yes

61. Predrag Janičić, Julien Narboux
„Automated generation of illustrated proofs in geometry and beyond“
Annals of Mathematics and Artificial Intelligence, Volume 91, Number 6, Pages 797–820, 2023.
doi: https://doi.org/10.1007/s10472-023-09857-y
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62. Salwa Tabet Gonzalez, Predrag Janičić, and Julien Narboux
„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

63. Predrag Janičić
„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
draft version orcid: yes

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
draft version orcid: yes

8.6 Selected Software

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 Professional Activities

9.1 Editorial Boards

A member of editorial board of journals:

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

9.2 Organizer and Chair of Conferences

- 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 General Chair

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

9.4 Program Committee Chair

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

9.5 Program Committee Member

- 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 Refereeing

Refereeing for the journals:

- *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*

Refereeing for conferences:

- *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 Professional Societies

- Association for Automated Reasoning.
  https://aarinc.org/
- Member of the Committee for Education of Serbian Academy of Science and Arts (from Nov 2012 to Nov 2015)
  https://www.sanu.ac.rs/Odbor-obrazovanje/Index.aspx

10 Teaching

From 1993. to 2001, I used to work as a teaching assistant and I taught the courses: Foundations of geometry, Theory of algorithms, languages and automata, and Applications of computers (Algorithmics).

Since 2001. I taught the following courses: Programming 1, Programming 2, Mathematical Logic in Computer Science, Artificial Intelligence, Computer Graphics, Computational Geometry, and several postgraduate courses in the field of theoretical computer science and of automated reasoning.

I supervised the following PhD theses:

- Filip Marić: Formalization, Implementation, and Applications of SAT Solvers (2009);
- Mladen Nikolić: Guiding Search in Automated Theorem Proving (2013).
- Vesna Marinković (born Pavlović): Automated Solving of Construction Problems in Geometry (04.06.2015)
- Sana Stojanović Djurdjević: Formalization and Automation of Euclidean Geometry (07.09.2016)

I supervised the following "magister" theses:

- Filip Marić: Implementation of schemes for incorporation of decision procedures in theorem proving (2005);
- Andrija Tomović: Algorithms for application of n-grams in data-mining (2005);
- Goran Predović: Automated geometry theorem proving based on Wu's and Buchberger's methods (2008).
- Mladen Nikolić: Methodology for selecting suitable values for parameters of SAT solver (2008).

and the following master theses:

- Petar Maksimović: Single-element complete sets of connectives for propositional logic (25.09.2008.);

- Luka Tomašević: Algorithms for graph drawing (02.10.2008.);
- Milan Šešum: Reducing cryptographic problems to SAT problem (02.10.2008.).
- Boris Ajdin: Raytracing in Poincare's disc model of hyperbolical plane (07.10.2010.).
- Aleksandar Zeljić: Solving NP-complete problems using reduction (10.10.2011.)
- Milan Todorović: Applications of non-CNF SAT solvers (10.10.2011.)
- Dejan Mitrović: Control of autonomous vehicle in virual traffic environment (13.07.2015.)
- Milica Selaković: Geometric constructions on touch-based devices (05.09.2018.)
- Aleksandra Djurić: Integrated motion planning and task scheduling based on SMT solving (22.09.2020.)
- Igor Rodić: Parity games and their solving by reduction to SAT (22.09.2020.)

I served as an external examiner or as a reviewer for the following PhD theses:

- Pierre Boutry: On the Formalization of Foundations of Geometry, PhD thesis, University of Strasbourg, France, 13.11.2018.
- Bojan Banjac: System for automatic proving of some classes of analytic inequelities, School of electrical engineering, University of Belgrade, Serbia, 24.05.2019.
- Marina Milićević: Formal systems for proving incidence results, Faculty of Technical Sciences, University of Novi Sad, Serbija, 28.10.2020.
- Anna Petiurenko: Foundations of geometry for secondary schools and prospective teachers, Pedagogical University of Krakow, Poland, 18.01.2023.

and for the following master theses:

- Ali Sinan Köksal: Constraint Programming in Scala, MSc thesis, École Polytechnique Fédérale de Lausanne, Switzerland, July 2011.
- Darko Jović: Realization of distributed database in P2P environment, ETF, University of Belgrade, 2014.

and as one of the supervisors for the thesis:

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

Talks at student conferences:

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

11 Consultancy

Consultancy for a number of companies, including: ANOX (2000-2003), Novamente (2007-2009), Microsoft (2015-2020).

12 Hobbies/Interests

Arts, painting, drawing, playing rock guitar; literature; films; co-author of the web-site and two CDs devoted to the writer Danilo Kiš ("Legacy" and "Complete Works") and of the web-site and one CD devoted to the poet Petar Petrović Njegoš ("Complete Works").

Fluent English language, use of Russian language.