

Biografija

Sana Stojanović Đurđević

Sana Stojanović Đurđević
Matematički fakultet
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Lični podaci

Mesto i datum rođenja: Beograd, 01.05.1981.
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Obrazovanje

[2009-danas] Doktorske studije na smeru Računarstvo i informatika, Matematički fakultet, Univerzitet u Beogradu, Srbija. Doktorska teza "Formalizacija i automatsko dokazivanje teorema euklidske geometrije", pod rukovodstvom redovnog profesora Predraga Janičića.

[2005-2009] Magistarske studije na smeru Računarstvo i informatika, Matematički fakultet, Univerzitet u Beogradu. Prosečna ocena 10.00. Magistarska teza "Analiza osobenosti geometrijskih karakteristika glicina u proteinima", pod rukovodstvom redovnog profesora Miodraga Živkovića.

[1999-2005] Matematički fakultet, Univerzitet u Beogradu, smer Računarstvo i informatika. Prosečna ocena 9.72.

[1987-1999] Matematička gimnazija u Beogradu.

Nagrade i stipendije

[2003] Stipendija Skupštine grada Beograda za 100 najboljih studenata.

[2001-2004] Stipendija Republičke fondacije za razvoj naučnog i umetničkog podmlatka.

[2002] Stipendija Kraljevine Norveške.

[2000-2001] Stipendija Ministarstva prosvete i sporta.

Radno iskustvo

[2005-danas] Asistent u nastavi na Katedri za računarstvo i informatiku Matematičkog fakulteta u Beogradu. U okviru nastave, držala je kurseve iz devet predmeta:

1. Programiranje 1 (programski jezik C)
2. Programiranje 2 (programski jezik C)
3. Računari i programiranje
4. Primena računara u biologiji
5. Metodika nastave računarstva A
6. Metodika nastave računarstva B (programski jezik C#)
7. Računarska grafika 2 (master studije smeru Informatika i smeru Računarstvo i informatika)
8. Kriptografija (master studije smeru Informatika i smeru Računarstvo i informatika)
9. Metodika nastave računarstva (master studije smeru Profesor matematike i računarstva)

Učešće na projektima

[2011-2015] Automatsko rezonovanje i istraživanje podataka, projekat broj 174021, finansiran od strane Ministarstva prosvete, nauke i tehnološkog razvoja.

[2013] Serbian-French Technology Co-Operation grant EGIDE Pavle Savic.

[2010-2012] Decision Procedures: From Formalizations to Applications, finansiran od strane Švajcarske nacionalne fondacije za nauku (SNF) u okviru programa SCOPES.

[2009-2013] COST Action IC0901: Rich-Model Toolkit, finansiran od strane Evropske Unije.

[2007-2010] Automatsko rezonovanje i napredne obrade velikih količina podataka, projekat broj 144030, finansiran od strane Ministarstva prosvete, nauke i tehnološkog razvoja.

Objavljeni radovi

[2014] Sana Stojanović Đurđević, 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*, Springer. (<http://argo.matf.bg.ac.rs/publications/2014/2014-amai-aftarski.pdf>)

[2014] Sana Stojanović, Julien Narboux, Marc Bezem, Predrag Janičić: A Vernacular for Coherent Logic, *Intelligent Computer Mathematics - CICM 2014, Lecture Notes in Computer Science*, Volume 8543, Springer. (<http://argo.matf.bg.ac.rs/publications/2014/CLvernacular.pdf>)

[2013] Sana Stojanović: Preprocessing of the Axiomatic System for More Efficient Automated Proving and Shorter Proofs. *Automated Deduction in Geometry. Lecture Notes in Computer Science*, Volume 7993, Springer. (<http://argo.matf.bg.ac.rs/publications/2013/preprocessing.pdf>)

[2011] 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, Springer.

(<http://argo.matf.bg.ac.rs/publications/2011/2011-adg-argoclp.pdf>)

[2010] Sana Stojanović, Vesna Pavlović, Predrag Janičić: A Coherent Logic Based Geometry Theorem Prover Capable of Producing Formal and Readable Proofs. Automated Deduction in Geometry. Eight International Workshop on Automated Deduction in Geometry.

(http://argo.matf.bg.ac.rs/publications/2010/ArgoCLP_adg2010.pdf)

[2006] Miroslav Marić, Sana Stojanović: Adaptation of Edges in a Triangular Mesh. 4th Serbian-Hungarian Joint Symposium on Intelligent Systems.

(http://bmf.hu/conferences/sisy2006/20_Maric.pdf)

Saopštenja na naučnim skupovima, konferencije, posete i letnje škole

[2013] Istraživačka poseta, University of Strasbourg, France

[2013] Workshop Progress in Decision Procedures: From Formalizations to Applications, Beograd, Srbija

[2012] Izlaganje, Sana Stojanović: Exploiting symmetries and axiom reformulation in automated generation of formal proofs, Fifth Workshop on Formal and Automated Theorem Proving and Applications, Beograd, Srbija.

[2012] Fifth Workshop on Formal and Automated Theorem Proving and Applications, Beograd, Srbija

[2011] Fourth Workshop on Formal and Automated Theorem Proving and Applications, Beograd, Srbija

[2010] Izlaganje, Sana Stojanović, Vesna Pavlović, Predrag Janičić: A Coherent Logic Based Geometry Theorem Prover Capable of Producing Formal and Readable Proofs. Automated Deduction in Geometry, Munich, Germany, ADG 2010

[2010] COST Action on IC0901 WG1 and WG2 Meeting and Third Workshop on Formal and Automated Theorem Proving and Applications, Beograd, Srbija

[2009] Izlaganje, Sana Stojanović, Vesna Pavlović, Predrag Janičić: Formalization and automation of Euclidean geometry, Second Workshop on Formal and Automated Theorem Proving and Applications, Beograd, Srbija.

[2009] International Conference on Theory and Applications of Satisfiability Testing, Swansea, Wales, United Kingdom, SAT 2009

[2009] Second Workshop on Formal and Automated Theorem Proving and Applications, Beograd, Srbija

[2008] Izlaganje, Sana Stojanović, Vesna Pavlović: Formalization and automation of Euclidean geometry, Spring School Geometry and Visualization, Beograd, Srbija

[2008] First Workshop on Formal and Automated Theorem Proving and Applications, Beograd, Srbija

[2006] Izlaganje, Sana Stojanović, Miroslav Marić: Adaptation of Edges in a Triangular Mesh . Serbian-Hungarian Joint Symposium on Intelligent Systems, Subotica, Serbia, SISY 2006

Naučna interesovanja

- Automatsko dokazivanje u geometriji.
- Koherentna logika.
- Analiza aksiomatskih sistema.
- Formalno dokazivanje teorema i formalizacija geometrije.

Organizacija naučnih skupova

Učestvovala je u radu i organizaciji skupa "Workshop on Formal and Automated Theorem Proving and Applications" od 2008 do 2013 godine.