

Daniyar Shamkanov

CURRICULUM VITAE

121433, Russia, Moscow
Filevskaya B. ul., d.41 k.5 kv.45
☎ mobile +7 (916) 9080274
☎ phone +7 (499) 1448967
✉ daniyar.shamkanov@gmail.com

Personal Information

Date of Birth 24 July 1986
Place of Birth Moscow, Russian Federation
Nationality Russia

Current position

2011–present Researcher, *Steklov Mathematical Institute, Moscow.*

Education

- 2012 **Candidate of science**, *Lomonosov Moscow State University*. Speciality: mathematical logic, algebra and the theory of numbers. Supervisors: Corresponding Member of the Russian Academy of Sciences Prof. L.D. Beklemishev and Ass.-Prof. V.N. Krupski.
- 2008 **Diploma of Specialist in Mathematics** (equivalent to B. Sc.+ M. Sc.), *Lomonosov Moscow State University, Faculty of Mechanics and Mathematics*.

Grant Participation

- 2012-2014 Research assistant, NSh-5593.2012.1 “Russian Presidential Grant for support of leading scientific schools”.
- 2011-2012 Research assistant, RFBR Grant "Applications of methods of mathematical logic to fundamental problems of algebra and computer science".
- 2011-2013 Research assistant, RFBR Grant "Mathematical problems of the logical semantics of the non-classical deductive systems".
- 2010-2011 Switzerland-Russia Scientific and Technological Cooperation Programme, Joint Research Project "Computational Proof Theory".

Publications

- D.S. Shamkanov, *Circular proofs for Gödel-Löb logic*, *Mathematical Notes*, 96:4 (2014), to appear.
- D.S. Shamkanov, *Interpolation properties for provability logics GL and GLP*, *Proceedings of the Steklov Institute of Mathematics*, 274 (2011), pp. 329-342.
- D.S. Shamkanov, *Strong normalization and confluence for reflexive combinatory logic*, In Lev D. Beklemishev, Ruy de Queiroz, editors, *Logic, Language, Information and Computation*, 18th International Workshop, WoLLIC 2011, Philadelphia, PA, USA, May 2011, *Proceedings*, Vol. 6642 of *Lecture Notes in Computer Science*. Springer, 2011, pp. 228-238.

Professional Talks

Lyndon interpolation for the modal mu-calculus, Vienna Summer of Logic (VSL 2014), Vienna University of Technology, Austria, July, 2014.

Circular proofs for provability logic, Logic Colloquium 2013 (LC 2013), University of Evora, Portugal, July, 2013.

Circular proofs for provability logic, Logic and Computation Day, Steklov Mathematical Institute, Moscow, June, 2013.

Interpolation properties for provability logics GL and GLP, Moscow Workshop on Constructive Logic and Knowledge Representation, Moscow Center for Continuous Mathematical Education, Russia, May, 2012.

Interpolation properties for provability logics GL and GLP, Workshop on Proof Theory and Modal Logic, University of Barcelona, Spain, April, 2012.

Strong normalization and confluence for reflexive combinatory logic, 18th International Workshop on Logic, Language, Information and Computation (WoLLIC 2011), University of Pennsylvania, USA, May, 2011.

Strong normalization and confluence for reflexive combinatory logic, International Workshop Proof, Computation, Complexity (PCC 2010), University of Bern, Switzerland, June, 2010.

Normalization for terms of reflexive combinatory logic, The XVII International Student, Postgraduate and Young Scientist Conference «Lomonosov», Faculty of Mechanics and Mathematics, Lomonosov Moscow State University, Russia, April, 2010.

Other Conference Activities

Organizing Committee member of *Logic and Computation Day* (Steklov Mathematical Institute, Moscow, June, 2013).

Organizing Committee member of LMRC'2012.