CURRICULUM VITAE

Name:	Pavel S. Kolesnikov
Date of Birth:	December 31, 1977
Place of Birth:	Novosibirsk, Russia (former USSR)
Education:	Doctor of Science (Habilitation): Sobolev Institute of Mathematics, Novosibirsk, 2008 Candidate of Science (Ph.D.): Sobolev Institute of Mathematics, Novosibirsk, 2003 Master degree: Novosibirsk State University, 2000 Bachelor degree: Novosibirsk State University, 1998
Academic Positions:	Sobolev Institute of Mathematics (research), Novosibirsk, January 2003–present Novosibirsk State University (teacher), Novosibirsk, September 2000-September 2003 Korea Institute for Advanced Study (research), Seoul, October 2003-September 2005 Novosibirsk State University (assoc. professor), Novosibirsk, September 2008–present
Courses taught	at the Novosibirsk State University: Number Theory, 2000, 2008 Abstract Algebra, 2000–2003, 2005–2008 Advanced Abstract Algebra, 2006–2008 Ring Theory, 2006–2007 at the University of California San Diego: Calculus, 2005 Calculus for Science and Engineering, 2005 Calculus and Analytic Geometry, 2010
Visiting Positions:	Korea Institute for Advanced Study, Visiting Scholar January, 2001; March, 2002; August, 2002

	University of California San Diego, Visiting Professor January, 2005–March, 2005; January 2010–June 2010
Colloquium and Seminar Talks:	Algebra&Logica Seminar, Novosibirsk State Univ.; Algebra Seminar, Moscow State Univ.; Seoul National Univ.; Korea Inst. for Advanced Study; Univ. California San Diego
Awards	Pierre Deligne contest winner, 2005
Research interest	Algebra / ring theory: algebraically closed skew fields conformal algebras and pseudoalgebras

PUBLICATIONS

1. *The Makar-Limanov algebraically closed skew field.* (Russian, English) Algebra Logika **39** (2000), No.6, 662–692; translation in Algebra Logic **39** (2000), No.6, 378–395.

2. (with L.A. Bokut, Yu. Fong and W.-F. Ke) *Gröbner and Gröbner–Shirshov bases in algebra and conformal algebras.* (Russian. English summary) Fundam. Prikl. Mat. **6** (2000), No.3, 669–706.

3. *The Makar-Limanov's construction of algebraically closed skew field via Mal'cev-Neumann series.* Krob, Daniel (ed.) et al., Formal power series and algebraic combinatorics. Proceedings of the 12th international conference, FPSAC'00, Moscow, Russia, June 26–30, 2000. Berlin: Springer. 454–460 (2000).

4. (with L.A. Bokut) *Gröbner–Shirshov bases: from their incipiency to the present.* (Russian) Zap. nauch. sem. POMI. **272** (2000), 26–67. *English translation*: J. Mathem. Sceinces, **116** (2003), No.1, 2894–2916.

5. *Different definitions of algebraically closed skew fields.* (Russian) Algebra Logika **40** (2001), No.4, 396–414.

6. *Noetherianity of associative enveloping pseudoalgebras.* Abstracts of Intern. Conf. "Lie and Jordan algebras, their representations and applications", 13–18 May 2002, Guarujá, Brasil. P. 30–31.

7. *Universal representations of some Lie conformal superalgebras.* (Russian) Vestnik, Quart. J. of Novosibirsk State Univ., Series: math., mech. and informatics, **2** (2002), no. 3, 30–45.

8. *Associative enveloping pseudoalgebras of finite Lie pseudoalgebras.* Comm. Algebra, **31** (2003), no. 6, 2909–2925.

9. *Groebner–Shirshov bases for universal enveloping conformal algebras of simple conformal Lie superalgebras of type* W_N. Algebra Logic, **43** (2004), no. 2, 109-122.

10. *Irreducible conformal subalgebras of* $Cend_N$ *and* gc_N. Proc. Intern. Conf. "Lie and Jordan algebras, their representations and applications, II", 3–8 May 2004, Guarujá, Brasil, Resenhas IME USP, vol. 6, (2004), No. 2/3, 241–248.

11. (with L.A. Bokut') *Gröbner–Shirshov bases, conformal algebras, and pseudoalgebras.* Journal of Mathematical Sciences **131** (2005), no. 5, 5962–6003.

12. *Simple associative conformal algebras of linear growth.* J. Algebra **295** (2006) no. 1, 247-268.

13. *Associative conformal algebras with finite faithful representation.* Adv. Math. **202** (2006), no. 2, 602–637.

14. *Identities of conformal algebras and pseudoalgebras.* Comm. Algebra **34** (2006), no. 6, 1965–1979.

15. *On the Wedderburn principal theorem in conformal algebras.* Journal of Algebra and Its Applications **6** (2007), no. 1, 119–134.

16. *Associative algebras related to conformal algebras.* Applied Categorical Structures **16** (2008), no. 1-2, 167–181.

17. *Universally defined representations of conformal Lie superalgebras.* Journal of Symbolic Computation, **43** (2008), no. 6–7, 406–421.

18. *On irreducible subalgebras of matrix Weyl algebras.* Advances in Algebra and Combinatorics (Ed. by K.P. Shum et al.) World Scientific Publishing Co., Hong Kong, 2008. P. 205–217.

19. *Varieties of dialgebras and conformal algebras.* Siberian Math. J. **49** (2008) no. 2, 323–340.

20. *Conformal representations of Leibniz algebras.* Siberian Math. J. **49** (2008) no. 3, 540–547.

21. *Simple finite Jordan pseudoalgebras.* SIGMA **5** (2009) 014, 17 pages.

22. Conformal algebras in the context of linear algebraic groups. in: Generalized Lie Theory in Mathematics, Physics and Beyond (S. Silvestrov et al. eds), Springer Verl., Berlin, Heidelberg, 2009. P. 235–246.

23. (with V.Yu. Gubarev) The Tits—Kantor—Koecher Construction for Jordan Dialgebras. Comm. Algebra. **39** (2011) no.2. P. 497–520.

24. On finite representations of conformal algebras J. Algebra. **331** (2011) P. 169–193.