

Curriculum Vitae

1. Name: Yuri Bahturin

2. Address: Department of Mathematics and Statistics, Memorial University of Newfoundland, St. John's, NF, A1C5S7(work); 40 Rumboldt Place St. John's, NF, A1A5K9(home); *Telephones:* (709)-737-8789(of), (709)-726-5028(h), (709)-737-3010 (fax); e-mail: yuri@math.mun.ca

3. Learned Degrees awarded:

- Doctor of Physics and Mathematics by Moscow State University in 1985, D.Sc. Thesis "Identical Relations in Lie Algebras".
- Ph. D. 1972 Moscow State University, Ph. D. Thesis "Varieties of Lie Algebras",
- M.Sc. 1969 Moscow State University, M.Sc. Thesis "On Some Combinatorial Problems"

4. Awards:

- University Research Professor, by Memorial University of Newfoundland, 2002 - 2007.
- Soros Professor by International Institute for Open Society in 1997
- J. Fulbright Scholar by the US Government in 1994
- Learned Title of Professor by Highest Attestation Committee of Russian Federation in 1992.

5. Positions held:

- Professor of Memorial University of Newfoundland, Canada, since September 1999.
- Professor of Department of Algebra, Faculty of Mechanics and Mathematics, Moscow State University, Russia, May 1972 - August 1999, at present 1/4 of position, without pay.
- Visiting Professor at Vanderbilt University (USA) in 2003, 2005, 2007, 2008.
- Visiting Professor at University of Southern California (USA) in 1999, 2001, 2006.
- Visiting Professor at the University of Wisconsin - Madison (USA) in 1994.
- Part time Position as Senior Researcher joint between Moscow University and Science Experimental Centre of Automation of Air Traffic Control, 1982 - 1992
- Learned Secretary, then Deputy Chairman of the Council of Young Scientists of Moscow State University, 1970 – 1976
- Temporary jobs in Computer Science, 1964 -1965

6. Lecture Courses delivered: About 20 various regular mathematical courses on graduate and undergraduate levels delivered to the students at Moscow State University (Russia), University of Wisconsin - Madison(USA), University of Southern California (USA), Vanderbilt University (USA), and Memorial University of Newfoundland (Canada). Minicourses on various topics in Algebra delivered at University of Palermo (Italy), University of Brasilia (Brazil), and Freiburg University (Germany).

7. Research Students:

- My students awarded with *Ph.D. Degree* at Moscow State University: V. Drensky (Bulgaria) (1980), M. Zaicev (1981), S. Mishchenko (1984), K.Semenov (1987), G.Q. Abbasi (Pakistan) (1987), V. Petrogradsky (1988), A. Mikhalev (1990), Y. Billig (Canada) (1991), S. Nabiyev (Kazakhstan) (1993), I. Yansson (1996), V. Zhuravlev (1996), D. Zhdanovich (1997), M. Kochetov (also at Memorial University of Newfoundland) (2002, 2003), M. Tvalavadze and T. Tvalavadze (also at Memorial University of Newfoundland) (2005, 2006).
- My Ph.D. students awarded with a higher *D.Sc. Degree*: S. Mishchenko (1993), M. Zaicev (1994), A. Mikhalev (1996, in Computer Science), V. Drensky (1997), V. Petrogradsky (2001).
- My students awarded with *M. Sc. Degree* at Memorial University: O.Radu (2002), J. McGraw (2006).
- My current research students: Jason McGraw (*Ph.D. student*, co-supervised with M. Kochetov).

8. Grants:

- University Research Professor at Memorial University of Newfoundland (2002 - 2007)
- NSERC grant 2000-2004, 2004-2009
- FAPESP grants at University of Sao Paulo, Brazil (2002, 2004, 2007)
- Dean of Science at Memorial University of Newfoundland (1999 – 2003)
- Grants of Russian Foundation of Basic Research (1992 – 1999)
- International Science Foundation Grant (1994 – 1995)
- CNR Grant at University of Palermo, Italy (1996, 2000, 2005)
- DAAD-DFG Grants at Hamburg University (1990 - 1991, 1993), Freiburg University (1997)

- British Council Scholarship at Bedford College of London University (UK) (1978/79, 10 months)

9. Publications:

Total number of publications refereed in Mathematical Reviews - 100, 7 more papers submitted or in preparation.

Publications in the *book form*:

- "Lectures in Lie Algebras". Berlin, Akademie-Verlag, 1978
- "Identical Relations in Lie Algebras". Moscow, Nauka, 1985. Engl. Transl.: Utrecht, VNU Science Press, 1987, ix+309p.
- "Basic Structures of Modern Algebra". Moscow, Nauka, 1990. Engl. Transl.: Dordrecht, Kluwer Ac. Publ., 1993, ix + 420p.
- "Infinite - Dimensional Lie Superalgebras" (with A. A. Mikhalev, V.M. Petrogradsky and M. V. Zaicev). De Gruyter Exp. Math. 7, 1992, x + 250p.
- "Problem Book in Algebra" (with V.A. Artamonov a.o.), Moscow (3 editions). English Transl.: Gordon and Breach, 1995.
- "Identities." In: Algebra II, Springer - Verlag, 1991, p. 117-240(with Alexander Olshanskii)

10. Talks at conferences, seminars, etc.

- Talks at All-Union Algebraic Conferences, Group Theory and Ring Theory Conferences since 1969 in various places of the USSR, then Russia, including invited talks in Novosibirsk, Leningrad, L'vov, Krasnoyarsk, Alma-Ata.
- Talks at Universities of Australia, Austria, Belgium, Brazil, Bulgaria, Canada, France, Germany, Hungary, Israel, Italy, Mexico, Mongolia, Poland, Russia, Slovenia, Spain, USA.
- Various activities at regional Universities of FSU: University of Mordovia (3 times), Tajiki University, Kazan' University, Institute of Mathematics of Belarus, Yaroslavl' University, Ul'yanovsk University, Nizhny Novgorod University, Omsk University, Kiev University, Leningrad University, Novosibirsk University, etc.

11. Service to the community

- Atlantic Algebra Centre, Coordinator, 2006 - present.
- Review of Grant proposals for RFBR, NSERC, papers for various mathematical journals, review of Ph. D. and D.Sc. Theses.
- Learned Secretary of the Journal "Vestnik MGU (Moscow State University). Matematika. Mekhanika", 1978 - 1982
- Principal Organizer of USSR Conferences "Lie Algebras and Their Applications in Mathematics and Physics"(1981, 1984, 1987). Member of Organizing Committee of an Algebraic Conference at Banach Center for Mathematical Research in Poland (1987)
- Member of the Editorial Board of research journal "Izvestiya VUZov. Matematika", 1990 - 2003
- Member of Organizing Committee of International Algebraic Conferences held on the occasion of the 90th and 100th birthday of A. G. Kurosh at Moscow State University, Moscow, 1998, 2008.
- Principal Organizer of International Workshops held in Canada: "Groups, Rings, Lie and Hopf Algebras I, II" (2001 and 2007); "Polynomial Identities in Algebras"(2002); "Locally Finite Lie Algebras"(2003); "Hopf Algebras and Related Topics"(2004); "Graded Algebras and Superalgebras"(2008).

12. Membership in Societies:

Member of American Mathematical Society since 1972, Canadian Mathematical Society since 2000.

13. Other service:

- Learned Secretary, then Deputy Chairman of the Council of Young Scientists of Moscow State University (1970 – 1976).
- Learned Secretary of Department of Algebra in Moscow State University for a number of years in 80-90's.
- Member of Promotion and Tenure Committee at Department of Mathematics and Statistics, Memorial University of Newfoundland (1999-2000, 2003 - 2004, 2005 – 2006).
- Chairman of Graduate Studies Committee at Department of Mathematics and Statistics, Memorial University of Newfoundland (2000, 2001, 2002).
- Member of International Affairs Committee of CMS (2002 – 2007).
- Member of Scientific Research Panel, AARMS (Atlantic Association for Research in Mathematical Sciences) (2002 – present).