

CURRICULUM VITAE

NAME: Eugene (Eugeny) PLOTKIN.

PERSONAL: born on September 22, **1955** in Sverdlovsk, U. S. S. R.

EDUCATION

- 1992** – **Dr. Sci.**– Habilitation (highest degree) for Latvian Republic, Latvian University, Riga;
- 1985** – **Ph. D.** in Mathematics: , Leningrad University (presently Saint-Petersburg University), Thesis: “*Net subgroups of Chevalley groups and stability questions for K_1 -functor*” (advisor Prof. Z. I. Borewicz);
- 1982–1985** – Postgraduate studies, Leningrad University;
- 1978** – **M. Sc.** in Mathematics: Leningrad University;
- 1972–1978** – Undergraduate and graduate studies, Leningrad University.

POSITIONS HELD

- 2002–present** – Leading Research Fellow, Professor, Bar Ilan University, Ramat Gan,
- 1998–2002** – Senior Research Fellow, Senior Lecturer, Bar Ilan University, Ramat Gan,
- 1993–1998** – Research Fellow, Lecturer, Bar Ilan University, Ramat Gan,
- Fall 1994** – Visiting Professor of the *Sonderforschungsbereich 343* at the University of Bielefeld, Germany;
- 1988–1993** – Associate Professor of Mathematics at the Riga Technical University, Riga, Latvia;
- 1987–1988** – Assistant Professor at the Military Academy, Dept. of Mathematics, Riga, Latvia;
- 1978–1987** – Researcher at the VNIIVodpolimer (All-Union Research Institute for Soil and Water Improvement).

MEMBERSHIP

- 1996–present** – Member of Israel Mathematical Union;
- 1992–present** – Member of Latvian Mathematical Union.

RESEARCH INTERESTS

Primary: Chevalley groups, Classical groups, Algebraic groups, Algebraic K-theory; Group Theory;

Secondary: Lie algebras, Representation theory, Computer algebra, Algebraic theory of automata, Universal Algebra.

PUBLICATIONS

See the list enclosed.

TEACHING (since 1979; undergraduate, graduate and postgraduate courses):

Calculus I–II–III, Complex analysis, Linear algebra, Analytic geometry, Probability theory, Differential equations, Set theory, Logic, Group theory, Abstract algebra, Chevalley groups, Semisimple Lie algebras.

RESEARCH GRANTS:

Grant INTAS “*Structure of classical groups and Chevalley groups*” joint with A. Bak, N. Vavilov, etc., 1994–1996; Grant ISF “*Algebra, geometry, and arithmetic of linear groups*” joint with G. Soifer, Y. Segev, B. Kunyavskii, 1997–2000; ISF Centres of Excellence Grant “*Group theoretic methods in study of algebraic varieties*” joint with J. Bernstein, M. Teicher, L. Rowen, G. Soifer, B. Kunyavskii, etc., 1999–2002, 2003–2006; Grant INTAS “*Algebraic K-theory, groups and algebraic homotopy theory*” joint with A. Bak, B. Kunyavskii, N. Vavilov, 2001–2004; Research Training Network grant by EC, RTN2-2001-00193 *K- Algebraic K-Theory, Linear Algebraic Groups and Related Structures*, joint with B. Kunyavskii, L. Rowen and others, 2002–2005, 2005–2006.

CONFERENCES (talks):

- 2015** – *Workshop on Reductive Groups and Related Structures*
“*Birational equivalence of group*”
POMI
May 12-15, Saint Petersburg, Russia (invited talk)
- 2015** – *Infinite group theory: from the past to the future*
“*Equations over algebras: how the logical geometry appears*”
Fairfield University – Graduate Center CUNY
April 24-25, Fairfield-New York, (invited talk)
- 2015** – *89th Workshop on General Algebra AAA88*
“*Similarity of geometries over algebras*”
Dresden Technical University
February 26-28, Dresden, Germany; (contributed talk)
- 2015** – *Non-associative algebra and Lie theory*
“*Word maps evaluated on non-associative algebras*”
National Autonomous University of Mexico
January 26-31, Oaxaca, Mexico, (invited talk)

- 2014** – *Tsukuba Workshop on infinite-dimensional Lie theory and related topics*
”Word maps evaluated on groups and algebras”
Tsukuba University
October 20-23, Tsukuba, Japan,(invited talk)
- 2014** – *88th Workshop on General Algebra AAA88*
”Geometries over algebras: where to go?”
Warsaw Technical University
June 19-22, Warsaw, Poland;
- 2013** – *International conference ”Geometric and Asymptotic Group Theory with Applications” (GAGTA 7)*
”Word maps evaluated on algebras”
City College of New York
May 28-31, New York, USA,(plenary talk)
- 2013** – *International conference ”Word maps and stability of representations ”*
”Word maps on algebras”
Erwin Schrodinger International Institute, Academy of Science
April 17-25, Vienna, Austria,(invited talk)
- 2012** – *International conference ”Algebraic groups and related structures”*
”Word maps and around”
The Euler International Math. Institute, Academy of Science
September 17-25, St.Petersburg, Russia,(invited talk)
- 2012** – *The 16th Midrasha Mathematicae, ”Words and Growth”*
”Equations over algebras: old and new problems”
Institute for Advanced studies, Hebrew University, Jerusalem,
June 10-15, Jerusalem, Israel,(invited talk)
- 2012** – *84th Workshop on General Algebra,*
”Equations over algebras: how the logical geometry appears”
Institute of Algebra at Technische Universitat Dresden,
June 8-10, Dresden, Germany,(plenary talk)
- 2011** – *Workshop ”Finite Groups and Their Automorphisms”,*
Istanbul, Turkey, June 7-11,
- 2011** – *81th Workshop on General Algebra,*
”Algebraic logic and logically geometric types in varieties of algebras”
Salzburg University, February 3-11, Salzburg, Austria,

- 2010 – *International Algebraic Symposium, Moscow State University, Moscow, Russia,*
- 2010 – *Workshop on Equations and First Order Properties in Groups CRM, University of Montreal, Montreal, Canada, (invited talk)*
- 2010 – *Workshop on Geometric, Asymptotic, Combinatorial Group Theory CRM, University of Montreal, Montreal, Canada, (invited talk)*
- 2010 – *International Algebraic Conference St.Petersburg, Russia;*
- 2010 – *79th Workshop on General Algebra Olomouc, Czech Republic;*
- 2008 – *Workshop Algebra, Geometry, Arithmetic, Dynamics Related to the Solvable Radical and Representations of Finite Groups Dusseldorf , Germany, (invited talk)*
- 2008 – *The 14th Amitsur Simposium Technion, Haifa, Israel; (invited talk)*
- 2008 – *Profinite and Asymptotic Group Theory, Oberwolfach, Germany; (invited talk)*
- 2008 – *International algebraic conference on the occasion of 100th anniversary of Professor A. G. Kurosh (1908 - 1971) Moscow, Moscow State University, Russia;*
- 2007 – *Workshop on Geometry around the Solvable Radical Dusseldorf , Germany, (invited talk)*
- 2007 – *International Algebraic Conference dedicated to the 100th anniversary of D. K. Faddeev, Saint-Petersburg, Russia;*
- 2007 – *Groups and their actions, Bedlewo-Poznan, Poland (invited talk)*
- 2007 – *The First International Algebra and Geometry Conference, Yerevan, Armenia (invited talk)*
- 2006 – *Workshop on Geometry and Group Theory, Max Plank Institute for Mathematics, Bonn, Germany;*
- 2006 – *Algebraic K-theory, algebraic homotopy and algebraic groups, Saint-Petersburg, Russia;*
- 2006 – *Combinatorial and geometric group theory, Vanderbilt University, Nashville, USA;*

- 2005** – *International algebraic conference, Ural University; Ecaterinburg, Russia;*
- 2005** – *Asymptotic and Probabilistic Methods in Geometric Group Theory; Geneve University, Geneve, Switzeland ;*
- 2005** – *Annual Meeting of Israel Math. Union Neve Ilan-2005, Israel;*
- 2004** – *Workshop on Cryptography and Related Mathematics Chuo University, Tokyo, Japan;*
- 2004** – *The Ninth Amitsur Memorial Symposium Jerusalem, Israel;*
- 2004** – *International Algebraic Conference on the occasions of 250th Anniversary Moscow State University Moscow, Russia;*
- 2003** – *International Conference Geometric and Group theory methods in mathematics and physics, Tbilisi-Batumi, Georgia;*
- 2003** – *International Conference, Groups and Group Rings X Glivice, Poland;*
- 2002** – *International Algebraic Conference, dedicated to Z.I.Borevichz, St. Petersburg, Russia;*
- 2001** – *K-theory and linear algebraic groups, Duisburg, Germany*
- 2001** – *First SIAM-EMS Conference “AMCV” 2001, Berlin, Germany*
- 1999** – *International Conference in Algebra and Semigroups, St. Petersburg, Russia;*
- 1999** – *Annual Meeting of Israel Math. Union, Haifa University, Israel;*
- 1998** – *Inernational Conference on Linear Algebraic Groups and Related Structures, Bielefeld, Germany;*
- 1998** – *Kurosh Algebraic Conference, Moscow, Russia;*
- 1997** – *Tenth Haifa Matrix Theory Conference, Haifa, Israel;*
- 1997** – *International Conference: Groups 97, Bath, England;*
- 1997** – *International Algebraic Conference dedicated to the memory of D. K. Faddeev, St.Petersburg, Russia;*
- 1995** – *Euroconference on Linear Algebraic Groups and Related Structures, Bielefeld, Germany;*
- 1995** – *Workshop on K-theory and Number Fields, Nijmegen, Netherlands;*
- 1994** – *Workshop on K-theory, Classical Groups, Localization and Related Topics, Bielefeld, Germany;*
- 1993** – *International Conference on Algebraic K-theory, Oberwolfach, Germany;*
- 1992** – *International Conference “Algebra and Analysis”, Irkutsk, Russia;*
- 1991** – *International Conference in Algebra, Barnaul, Russia;*

- 1991** – *All-Union Conference “Lie Algebras and Applications”, Kazan, Russia;*
1990 – *International Mathematical Congress, Kyoto, Japan;*
1990 – *International Conference on Non-associative Algebras, Hiroshima, Japan;*
1981–1989 – *XVI, XVII, XVIII, XIX National Conferences in Algebra: Leningrad, Minsk, Kishinev, Lvov; IX, X, XI National Conferences in Group Theory: Moscow, Gomel, Sverdlovsk; National Mathematical Conferences: Tartu, Riga.*

SOME COLLOQUIUM AND SEMINAR TALKS:

- 2015** *Stevens Institute of Technology, Hunter College*
2014 *Chebyshev Lab.,*
2012 *UCLA*
2009 *Bar Ilan*
2005 *Institute of Mathematics, POMI, St.Petersburg,*
2004 *Gettysberg College (USA); University of Manitoba, (Winnipeg, Canada), McGill University (Montreal, Canada); Tsukuba University (Japan); UCSD (USA); Bar Ilan;*
2003 *Hebrew University; York University (Toronto, Canada); Wayne State University (USA), Ohio State University (USA); Chicago University (USA); Bar Ilan;*
2002 *Hebrew University; Bar Ilan;*
2001 *Bar Ilan;*
2000 *University of Manitoba (Canada); CUNY (USA), Northwestern University (USA);*
1997 *Toronto University (Canada);*
1996 *Madison University, University of Milwaukee (USA), Notre Dame University, Wayne State University (USA), Bar Ilan University (Israel), Hiroshima University (Japan), Tsukuba University, Kumamoto University (Japan);*
1995 *Hebrew University, Ben Gurion University (Israel);*
1994 *Bielefeld University (Germany), Freiburg University (Germany);*
1993 *Bar Ilan University (Israel), University of Rome I “La Sapienza” (Italy);*
1990 *Tsukuba University (Japan);*
1981–1992 *Leningrad Branch of the Mathematical Institute of the U.S.S.R. Academy of Sciences, Latvian University, Erevan University for Education, Minsk Institute of Mathematics, Tbilisi University (U. S. S. R.).*

VISITINGS :

- 2008** *Max Planck Institute, Germany*
2007 *Max Planck Institute, Germany*

- 2006** *Max Planck Institute, Germany*
2000 *Bielefeld University, Germany*
2000 *Manitoba University, Canada*
1996 *Tsukuba University, Japan*
1994 *Bielefeld University, Germany*

CONFERENCES ORGANIZING:

- 2013** – *International Conference on Geometric, Combinatorial and Dynamics aspects of Semigroup and Group Theory, June 11-14, 2013, Bar Ilan, Israel*
- 2008** – *Workshop Algebra, Geometry, Arithmetic, Dynamics Related to the Solvable Radical and Representations of Finite Groups Dusseldorf , Germany, November, 25–28*
- 2007** – *Workshop on Geometry around the Solvable Radical Dusseldorf , Germany, October 8-10*
- 2005** – *International Conference "Group theory and Universal Algebra" Jerusalem–Beer Sheva, Israel, December 20-25*
- 2004** – *Workshop on Linear Algebraic Groups, Quadratic Forms and Related Topics, Eilat, Israel, February 1 – 5*

WORK ADDRESS: *Department of Mathematics & Computer Science
Bar Ilan University, 52900 Ramat Gan, Israel.*
Phone: (972–3)–5318681; **FAX:** (972–3)–7384057.
E-mail: plotkin@macs.biu.ac.il

HOME ADDRESS: *Harimon 10, apt. 24
54021 Givat Shemuel, Israel.*
Phone: (972–3)–5320250.