

CURRICULUM VITA

Olga Kashcheyeva

CONTACT INFO

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INTERESTS

Algebraic geometry and commutative algebra.

PERSONAL

Born September 14, 1976 in Kharkov, Ukraine. Married. Citizenship: Ukraine.

EDUCATION

1998-2003 Ph.D. in Mathematics, University of Missouri-Columbia, USA;
Thesis: "Monomialization of strongly prepared morphisms to surfaces", advisor S.D. Cutkosky (May 2003).

1993-1998 M.S. in Mathematics and Education, Kharkov State University, Kharkov, Ukraine; Thesis: "Canonical subsets in semigroups", advisor B. Novikov (June 1998).

1991-1993 B.S. in Computer Science, Computer College of Fund
"Professional", Kharkov, Ukraine.

APPOINTMENTS

2006-present Research Assistant Professor at University of Illinois at
Chicago

January 2005-2006 Lecturer at University of Illinois at Chicago

2003-2004 Visiting Lecturer at University of Illinois at Chicago.

RESEARCH GRANTS

- 06/01/01 - 08/01/01, student research NSF grant, \$1500

PUBLICATIONS

1. Algebraic functions over nonclosed fields, inpreparation (with S.D. Cutkosky)
2. Toroidalization of generating sequences in dimension two function fields of positive characteristic, *J. Pure Appl. Algebra* 209 (2007), no. 3, 631–649 (with L. Ghezzi)
3. Toroidalization of generating sequences in dimension two function fields, *J. Algebra* 301 (2006), no.2, 838–868 (with L. Ghezzi and Tàì Hà)
4. Monomialization of strongly prepared morphisms from nonsingular n -folds to surfaces, *J. Algebra* 275 (2004), no. 1, 275–320 (with S.D. Cutkosky)
5. Canonic subsets in $C(2)$ semigroups, (Russian) *Voprosy Algebr* 8(2000)
6. Canonic subsets in semigroups, *Filomat* No. 12, part 1 (1998), 21–27 (with B. Novikov)

TALKS

1. Algebra seminar, University of Missouri - Columbia, April, 2007
2. Algebra seminar, University of Illinois at Urbana-Champaign, October, 2006
3. Valuation Theory and Integral Closures in Commutative Algebra, July 3-22, 2006
4. 1015th AMS Meeting in Miami, FL, April 1-2 2006.
5. Algebraic Geometry Seminar, University of Illinois at Chicago, 2005
6. Graduate Student Seminar on Computational Commutative Algebra, University of Illinois at Chicago, 2003-2005
7. 982nd AMS Meeting in Orlando, FL, November 9-10, 2002
8. 976th AMS Meeting in Montreal, Canada, May 3-5, 2002
9. Algebra Seminar, University of Missouri - Columbia, 2002
10. Seminar of Prof. B. Novikov, 1997-2001
11. International Algebraic Conference in Slovyans'k, Ukraine, 1997

CONFERENCES

1. UIC-Purdue Workshop on Algebraic Geometry and Commutative Algebra, December 2-3, 2006
2. ARCC Workshop on numerical invariants of singularities and higher-dimensional algebraic varieties, July 31-August 4, 2006
3. MAGIC05, Notre Dame, IN, October, 2005
4. Summer school at University of Chicago, July, 2004
5. Midwest Commutative Algebra and Geometry Meeting, Purdue, IN, May, 2004

6. Commutative Algebra: Local and Birational Theory , MSRI, CA, 2002
7. Introductory Workshop in Commutative Algebra, MSRI, CA, 2002
8. KUMUNU 2,4, Lawrence, KS, 2000, 2002
9. Commutative Algebra Days, Lincoln, NE, 2002
10. 964th AMS Meeting in Lawrence, KS, 2001
11. Algebra Weekend, University of Missouri - Columbia, 2001

AWARDS

- Certificate of Recognition for the Outstanding Academic Achievement, University of Missouri - Columbia, 2002.
- Honor Diploma, Kharkov State University, 1998.

TEACHING EXPERIENCE

- College Algebra.
- Precalculus. Discussion sessions.
- Summer Transition Program for minorities.
- Calculus - I,II,III. Honors sections.
- Introduction to Differential Equations.
- Applied Linear Algebra.