Mihai EPURE

Curriculum Vitae

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Date of birth: November 3rd 1979

Experience:

2005-now	Junior Researcher, "Simion Stoilow" Institute of Mathematics of the Romanian Academy (I.M.A.R.)
2002-2005	temporary Junior Researcher, "Simion Stoilow" Institute of Mathematics of the Romanian Academy
2004	Teaching Assistant, University of Kansas, Department of Mathematics
2003	Research Assistant, University of Kansas, Department of Mathematics

Education

1. UNIVERSITY OF KANSAS, Department of Mathematics, Lawrence, Kansas, Graduate student (3 semesters, 2003-2004)
2. UNIVERSITY OF BUCHAREST, Faculty of Mathematics, Bucharest, Romania, Master of Science, June 2004 (3 semesters)
3. SCOALA NORMALA SUPERIOARA, Bucharest, Romania (2 semesters, 2002-2003)
4. UNIVERSITY OF BUCHAREST, Faculty of Mathematics, Bucharest, Romania, Bachelor of Science, June 2002 (8 semesters)
5. UNIVERSITY of TOR VERGATA, Faculty of Mathematics, Rome, Italy, October 1st 2000 – February 28th 2001, ERASMUS student

Awards:

Fall 2003	Research Grant, University of Kansas
2000-2001	Student Fellowship awarded by SOCRATES/ERASMUS European Program (University of Tor Vergata, Rome, Italy)
1998–2002	Student Fellowship, University of Bucharest
1996	3rd prize at the National Mathematical Olympiad
	1st prize at the "Gheroghe Mihoc" Contest
1995	Honorable Mention at the National Mathematical Olympiad
1994	3rd prize at the "Dan Barbilian" Contest
	Honorable Mention at the "Spiru Haret – Gheorghe Vranceanu" Contest
1993	2nd prize at the "Dan Barbilian" Contest
	Honorable Mention at the "Spiru Haret – Gheorghe Vranceanu" Contest

Research Grants:

- CEx05-D11-11/2005 "Combinatorial, Algebraic and Topological Methods in Algebra and Geometry", coordinated by C.P.I Nicolae Manolache.

- 2-CEx06-11-20/2006 "Invariants of Algebraic, Geometric and Topological Structures" coordinated by C.P.I Vasile Brinzanescu.
- CEx M3-249/2006 "International Cooperation in the Fields of Algebra, Geometry and Topology", coordinated by C.P.I Dorin Popescu.
- ID-51/2007 "Combinatorial, Homological and Arithmetic Methods in the Study of Monomial Ideals", coordinated by C.P.I Iustin Coanda.
- ID-1903/2009 "Algorithms and combinatorics in algebra and in geometry", coordinated by C.P.I Dorin Popescu.
- TE_46/2010 "Algebraic Modelling of some Combinatorial Objects and Computational Applications", coordinated by Lect. Marius Vladoiu.

Conferences

- "Stanley-Reisner Rings" , Eforie Nord, Romania, 3-8 June 2002.
- "Workshop on Homological and Combinatorial Aspects of Koszul Algebras", Eforie Nord, Romania, 10-14 September 2002.
- "Commutative Algebra, Singularities and Computational Algebra", Sinaia, Romania, September 2002.
- "Polynomial Identity Rings", Barcelona, Spain, 1-10 July 2003.
- KUMUNU, Lawrence, Kansas, U.S.A. 2003 and 2004.
- "Workshop on Cohen-Macaulay Rings and Related Structure", Constanta, Romania, March 2005.
- "Algorithmic and Combinatorial Methods in Commutative Algebra", Constanta, Romania, 19-25 September 2005.
- "Toric Algebra", Constanta, Romania, 25-30 September 2006.
- National School of Cryptography, Vatra Dornei, Romania, August 2006.
- "Elliptic Curves", Constanta, Romania, 5-12 September 2007.
- "Commutative Algebra and Related Topics", Constanta, Romania, 29-31 March 2007.
- "Homological and Combinatorial Aspects in Commutative Algebra", Busteni, Romania, June 2007.
- "Combinatorial Commutative Algebra", Constanta, Romania, Oct. 2008.
- "Combinatorics in Commutative Algebra", Bucharest, Romania, I.M.A.R. 19-25 September 2010.
- "Computer Algebra and Combinatorics", Bucharest, Romania, I.M.A.R. 18-24 September 2011.

Invited conference/seminar talks:

- "Injectiv and Irreducible Resolutions", "Toric Algebra", Constanta, Romania, September 2006.
- "Points of Finite Order on Elliptic Curves", "Elliptic Curves", Constanta, Romania, September 2007.
- I am an active member of the group that organizes the I.M.A.R.'s "Nicolae Radu Commutative Algebra and Combinatorics" seminar.

Publication:

- A. Gica , M. Epure "Principal Quadratic Real Fields in Connection with Some Additive Problems", published in Bull. Math. Soc. Sci. Math. Roumanie, Tome 53(101) No. 3, 2010, 251-259
- Z. Ahmad, T. Dumitrescu, M. Epure "A Schreier Domain Type Condition", submitted, http://arxiv.org/abs/1112.0132
- Z. Ahmad, T. Dumitrescu, M. Epure "A Schreier Domain Type Condition II", submitted, http://arxiv.org/abs/1112.1236