

# Curriculum Vitae

Prof. V. Roubtsov

## Personalialia:

- Name: Vladimir Roubtsov; born: May 21, 1952, Odessa (ex-USSR); married, 4 childrens.
- Title: PhD.
- Work address: LAREMA, UMR 6093 of CNRS, Département de Mathématiques, Université d'Angers, France and ITEP (Institute for Theoretical and Experimental Physics), Moscow, Russia.

## Education

- February 1983: PhD in Higher Geometry and Topology, at Mathematical Department, Bielorussian State University, Minsk, former USSR.
- June 1974: Graduated in Faculty of Mechanics and Mathematics, Department of Differential Geometry at Moscow State (Lomonosov) University, Vorobyevy Gory 1, Moscow.

## Employment:

**Permanent position** April 1993, onwards: Senior Researcher at Theoretical Department, ITEP, Moscow.

**Permanent position:** September 1997 onwards:

Professor of Mathematics at the Department of Mathematics and LAREMA 6093 of CNRS, Angers, France.

- Nomination - 2nd class, 1997
- National Promotion - 1st class, 1999;
- National Promotion - Exceptional class 1st echelon, 2011;
- National Promotion - Exceptional class 2nd echelon, 2017.

## Principal Visiting Positions in recent years:

- September 2004 visiting researcher in RIMS, Kyoto University, Japan.
- 2004-2014 few times each year visiting professor at SISSA, Mathematical Area, Trieste, Italy.
- September 2007, August 2010 visiting researcher at Erwin Schroedinger Institute for Mathematical Physics, Wien, Austria.
- April 2010, May-June 2015 visiting professor at Weizman Institute, Rehovot, Israel.
- January-May 2012 visiting researcher at the Max-Plank-Institute for Mathematics, Bonn, Germany.
- October-December 2012 visiting research professor at SISSA, Mathematical Area, Trieste, Italy.
- November-December 2013 visiting researcher at the Newton Institute, Cambridge University, UK.
- November -December 2014 visiting researcher at the Max-Plank-Institute for Mathematics, Bonn, Germany.
- October-December 2016 visiting research professor at SISSA, Mathematical Area, Trieste, Italy.

## Research grants

- Delegation CNRS (6 months at IHES - 2002-2003 and 6 months at LPTM University of Cergy-Pontoise, 2009)
- PEDR-PES (4 year-prize for excellent research and PhD supervisory) 1999 - onward).
- 2005-2008 ANR "Geometry and Integrability in Mathematical Physics", (participant).
- 2006-2012 Projet "EINSTEIN" (Italy-Russia), (participant).
- 2006-2008 (responsible) and 2009-2010 (participant) French-Ukrainian Project "Dnipro" (EGIDE) (24K) ;
- 2009 Project RIP MFO (Oberwolfach, Germany) (with A. Kushner et V. Lychagin) ;
- 2009-2010 Project PICS CNRS - Ac. Nat. of Ukraine ( Problèmes de Physique Mathématique , responsible of French team) (24K) ;

- 2009 -2011 Project PICS CNRS (French -Russian cooperation in theoretical physics) (participant).
- 2011-2014. Project of ANR DIADEMS (150K) - responsible.
- 2010-2012. "COGITO" French-Croatian Project (EGIDE ) (21K) with Rudger Boscovic Institute - (responsible of French team).

#### **Selection of recent (2015-) conference talks :**

- Italiy, Gallipoli, June 2015, Conference PMNP-2015 (PHYSICS AND MATHEMATICS OF NONLINEAR PHENOMENA), Quantization of Poisson structures on Painlevé monodromy varieties.
- Brasil, Guarujá, August 2015, Conference Interactions between Geometry and Physics, Poisson structures on Painlevé monodromy varieties.
- China, Tianjin, September 2015, International Conference "Moduli spaces in algebraic geometry and mathematical physics", Chern Institute, Nankai University, Painlevé transcendents, character varieties and Calabi-Yau algebras.
- Luxembourg, December, 2015, "Higher Geometry and Field Theory", "Painlevé monodromy varieties: classical and quantum."
- Monge-Ampère equation and Calabi-Yau manifolds (Moscow, HSE, Bogomolov laboratory, mai 2016)
- 5th Workshop on combinatorics of moduli spaces, Hurwitz numbers, and cohomological field theory (Moscow CNRS Poncelet laboratory, HSE and Acad. Sciences, June 2016).
- International Workshop -Classical and Quantum Supersymmetric systems, Chine, Chern Institute, Tianjin, Septembre, 19-24 2016.
- LMS- EPSRC Durham Symposium Geometric and Algebraic Aspects of Integrability, (Durham, UK August 2016).
- RAQIS-2016 (Recent Advances in Quantum Integrable Systems), Geneva August 22-27, 2016.
- One-day Workshop in Mathematical Physics, KdV Institute, Amsterdam University, June 13, 2017.
- Round Table "Open problems" (moderator) WAGP 2017 "Moduli space of Higgs bundles", Trieste, June 19-23, 2017.

#### **Selection of recent (2015-) colloquium talks:**

- China, Beijing Geometry and Physics Colloquium, September 12, 2015 Painlevé monodromy varieties and quantization.
- China, Beijing Geometry and Physics Colloquium, September 13, 2015 Parameter-dependent Poisson brackets: from usual to double.
- Moscow Russia, Independent University, 8 June 2016 "Coupled Monge-Ampère operators"
- Moscow Russia, HSE, Bogomolov Laboratory 10 June 2016 " Elliptic Sklyanin algebras and Cremona transformations"

#### **Selection of recent International conferences organizations (2010-):**

- 2010 Organisation (in a cooperation with U. Bruzzo et I. Menciattini) of the International Workshop WAGP-2010 (Workshop in Algebraic Geometry and Physics), Deformation, quantization and algebraic index theorem, St. Jean de Monts, 11-14 June 2010.
- 2012 Organisation (in cooperation with U. Bruzzo, K. Cornelissen et G. Landi) of the International Workshop WAGP-2012 (Workshop in Algebraic Geometry and Physics), Noncommutative algebraic geometry and its applications to physics, Lorentz Center, Leiden, 19-23 March of 2012.
- 2012 Organisation (with E. Ragoucy) an International Conference RAQIS-2012 (Recent Advances in Quantum Integrable Systems), 7-14 September of 2012.
- 2013 Member of Scientific and Organisation Committee of the School and Workshop Moduli Spaces and Mathematical Physics CIMPA-CIMAT-SWAGP, January 21- February 2, 2013, Guanajuato, Mexique.

- 2014 Organisation (in cooperation with U. Bruzzo, D. Markushceвич, F. Sala et S. Shadrin) of the International Workshop on Instanton Counting: Moduli Spaces, Representation Theory and Integrable Systems, Lorentz Center, Leiden, 16-20 June 2014.
- 2014 Organisation (with N. Kitanine and K. Kozłowski) the International Conference RAQIS-2014 (Recent Advances in Quantum Integrable Systems), Colloque final de l'ANR DIADEMS Dijon, 1-5 september 2014.
- 2016 Member of the International Scientific Board of International Workshop -Classical and Quantum Supersymmetric systems , China, Chern Institute, Tianjin, Septembre, 19-24 2016.
- 2017 GADE-2017, "Geometry and Algebra of Differential Equations" (with H. Huru, B.Kruglikov), June, 6-11, 2017, Tromso, Norway.

**PhD and graduate students:** 10 PhD (among them O. Lisovyy is a Professor at Tours, B. Banos is a prof. agrege at Univesity of South Britanny; other students are Professors in Portugal, Cameroun, Czech Rep. and Russia) and 4 Master students (two have got PhD in Russia, one - in UK, one is a PhD student in Utrecht). 2 PhD students (2nd and 3rd years).

**Publications:** 71 publication listed in MR, among them 2 books. h-ind = 21 (Google Scholar).