

# Curriculum Vitae

Vladimir Vershinin

## Personal Data :

Born 21 July 1952, Barnaul, Russia, USSR  
Married, 2 children

## Professional Addresses :

Département de Sciences Mathématiques,  
Université Montpellier-II,  
Place Eugène Bataillon,  
34095 Montpellier Cedex 5  
FRANCE

Sobolev Institute of Mathematics  
of Siberian Branch of Russian  
Academy of Sciences  
avenue Koptiuga 4  
Novosibirsk 630090  
RUSSIA

## Office Telephones :

+33 (0)4 67 14 35 50 (France)  
+7 3833 33 27 90 (Russia)

## Fax :

+33 (0)4 67 14 35 58 (France)  
+7 3833 33 25 98 (Russia)

## Electronic Address :

vershini@math.univ-montp2.fr (France)  
versh@math.nsc.ru (Russia)

## Education

- 1969-1974 Novosibirsk University  
Degree granted : Mathematician, Diploma with distinction

- 1974-1977 Novosibirsk University  
Postgraduate Course  
Degree granted : Ph.D. in Mathematics, 1979  
Thesis : The Adams-Novikov spectral sequence and symplectic cobordism
- 1988 Doctor of Sciences, Institute of Mathematics, Novosibirsk  
Thesis : Cobordism and spectral sequences

### **Employment**

- 2000 – present : Université Montpellier-II, FRANCE,  
Professor
- 1977 – present : Sobolev Institute of Mathematics of Siberian Branch of Russian Academy of Sciences :  
Principal research scientist : 2006 – present  
Head of laboratory : 2000 – 2006  
Leading research scientist : 1989 – 2000  
Senior research scientist : 1985 – 1989  
Junior research scientist : 1977 – 1985
- Visiting Professor (one year position) at the Universitat Autònoma de Barcelona, Spain, 1993 - 1994
- Visiting Professor at the Université de Nantes, France, 1994 - 1996

### **Grants**

- Joint France – US Grant (CNRS - NSF) No 17149, “Algebraic and homological methods in Low-dimensional Topology”, 2004 - 2006.
- Grant INTAS No 03-5-3251 “Simplicial Algebra, homology theories, K-theory and homotopy”, 2004 - 2007.
- PEDR, 2004 - 2007 ; 2008 - present.

### **Recent Lectures at International Conferences**

International Conference on Knot Theory and its Applications, Trieste, Italy, May 25-29, 2009.

International Conference “From Braid groups to Teichmüller spaces”, CIRM, Luminy, June 1-5, 2009, France

International Conference “ Algebraic Topology, Braids and Mapping Class Groups Singapore, 4 - 19 Dec 2008.

International Conference “Geometry and Topology in small dimension”, November 17 - 21, 2008, CIRM, Luminy, France

International Pontryagin Anniversary Conference. June 17-22, 2008, Moscow, Russia

International Conference “Braids and groups”, September 2007, Toulouse, France

International Conference “The algebra and geometry around knots and braids”, St.Petersburg, Russia. September 10-14, 2007.

International Conference on Geometry, Topology and Physics, July 5-8, 2007, Faro, Portugal.

Conference : “Algorithmic problems connected with braids and topology of low dimensions”, Berder island, near Vannes, France, November 2006.

International Conference : “Intelligence of Low Dimensional Topology”, July 2006, Hiroshima, Japan.

International Conference : “Knots, Groups and 3-Manifolds”, Marseille, France, May - June 2006.

International Conference : “Groups, Homotopy and Configuration Spaces”, July 2005, Tokyo, Japan.

International Conference : “Categories in Algebra, Geometry and Mathematical Physics” July 2005, Sydney, Canberra, Australia.

International Conference : “Geometric Topology, Discrete Geometry and Set Theory”, Moscow, Russia, August, 2004.

### **Recent Visits**

University of São Paulo, Brazil, August 2009.

University of Dar-es-Salaam, Tanzania, September-October 2008.

University of Oxford, University of Aberdeen, United Kingdom, November–December 2007.

National University of Singapore, August, 2007.

University of Panjab, Chandigarh, Republic of India, March, 2007.

University of Kyoto, Japan, July 2006.

Macquarie University, Sydney and Australian National University, Canberra, Australia, July 2005.

George Washington University, Washington, United States, July 2004.

### **Domains of Research**

Topology, Algebra, Approximation Theory, Mathematical Methods in Chemistry.

### **Teaching**

Various courses in Novosibirsk University, Russia and University Montpellier 2, France ; courses on Topology and Geometry in the Universitat Autònoma de Barcelona, Spain, and University of Nantes, France.

In September - October 2008 in the framework of the Volunteer Lecturer Program of the International Mathematical Union delivered a course on Functional Analysis in the University of Dar-es-Salaam.

### **Administrative activities and other responsibilities**

Member of the Editorial board of the “Journal of Homotopy and Related Structures”.

Organizer of the international conference “Topology and algebraic K-theory”, Montpellier, 12 – 15 January 2005.

Member of the Commission of Specialists (Recruiting Committee) of the section 25 (Mathematics) 2001 – 2008, and of the Commission of Specialists of sections 29-30 (Physics) 2006 – 2008, University Montpellier 2.

Organizer of the international conference “Braids, Knots and Applications”, Montpellier, 9 – 11 June 2008.