

Yuri I. Manin  
**CURRICULUM VITAE**  
*(updated March 04, 2009)*

MANIN YURY, born February 16, 1937, Simferopol, Russia.

**Current employments:** Professor Emeritus, Max-Planck-Institut für Mathematik, Vivatsgasse 7, Bonn 53111, Germany,

Board of Trustees Professor, Northwestern University, Evanston, USA.

Principal Researcher, Steklov Math. Institute, Academy of Sciences, Russia, Moscow

**Education**

M.S. (summa cum laude): Mechanico-Mathematical Faculty, Moscow University, 1958.

Ph. D. (Candidate of Phys. Math. Sci.): Steklov Math. Inst., Moscow, 1960.

Doctor of Phys.-Math. Sci. (Habilitation): Steklov Math. Inst., Moscow, 1963.

**Employment**

Principal Researcher, Steklov Math. Institute, Academy of Sciences, Russia, Moscow: 1960 – May 1993, since May 1993 Principal Researcher in absentia.

Professor, Algebra Chair, Moscow University: 1965–1992.

Professor, Math. Dept. MIT, 1992–1993.

Scientific Member and Collegium Member, Max-Planck-Institut für Math., Bonn: May 1993 – February 2005; Director: November 1995 – February 2005; Managing Director: November 1999 – October 2001; Professor Emeritus March 2005 – now.

Board of Trustees Professor, Northwestern University, Evanston, USA: 2002 - now.

**Selected visiting appointments**

**Visiting Professor:**

Pisa University, 1964.

Montréal University, Aisenstadt Chair, 1988.

IHES, Bures-sur-Yvette, France, 1967, 1989.

Collège de France, Paris, 1989.

Berkeley University, Miller Professor, 1989.

Harvard University, 1991.

Columbia University, Eilenberg Chair, 1992.

University of Antwerpen, International Francqui Chair, 1996–7.

Collège de France, Paris, 2006.

### Service to the mathematical community

Member, Shaw Prize in Mathematics Committee, 2008 – 2009.

Member, Program Committee, European Congress of Mathematicians, Amsterdam 2008.

Member, Editorial Boards of two new Journals, founded in 2007: Non-Commutative Geometry; Algebra and Number Theory.

Member, Assessment Committee of the Academy Professorships Programme, Royal Netherlands Academy of Arts and Sciences, 2004–2005, 2005 – 2006, 2006 – 2007.

Member, Selection Committee, King Faisal International Prize or Mathematics, 2005.

Chair, Program Committee, International Congress of Mathematicians, Beijing, 2002.

Chair, Fields Prize Committee, International Congress of Mathematicians, Berlin, 1998.

Member, Board of the Moscow Mathematical Society (various years).

Member, Program and Prize Committees of ICM and ECM (various years).

Member, Editorial and Advisory Boards of Mathematical Sbornik, Uspekhi Math. Nauk, Inventiones Math., Duke Mathematical Journal, Functional Analysis and its Applications, Crelle's Journal, Journal of Number Theory, Journal of Geometry and Physics, Advances of Math., International Journal of Mathematics, American Journal of Mathematics et al. (various years).

Member, International Benchmarking of US Research Field Study, Math. Panel, 1997.

Member, Senior Jury of Institut Universitaire de France, 1999.

*Co-organizer of international conferences and workshops:*

Mathematische Arbeitstagungen, Bonn 1995, 1997 – 2007.

Conformal Field Theory, Oberwolfach, 1996.

Integrable systems, MPIM, Bonn, 1999.

Non-Commutative Geometry, MPIM, Bonn, 1999.

Frobenius Manifolds, MPIM, Bonn, 2002.

Noncommutative Geometry and Number Theory, MPIM, Bonn, 2002, 2004.

Dynamical Systems, MPIM, Bonn, 2004.

Special session “Applications of Motives”, AMS annual meeting 2004, Evanston, USA.

Geometry and Dynamics of Groups and Spaces, MPIM, 2006.

Winter School and Workshop on Moduli Spaces, MPIM, 2008.

### **Selected lectures**

Invited speaker at the ICM congresses: Moscow, 1966; Nice, 1970; Helsinki, 1978 (plenary); Berkeley, 1986; Kyoto, 1990; Madrid 2006 (special activity).

Invited plenary speaker, European CM, Barcelona, 2000.

Invited speaker at Bonn Arbeitstagungen: 1983, 1993.

Rademacher Lecturer, University of Pennsylvania, 1989.

Porter Lecturer, Rice University at Houston, 1989.

Bowen Lecturer, Berkeley University, 1989.

A. T. Brauer Lecturer, University of North Carolina, 1992.

Leonardo da Vinci Lecturer, Milan University, 1992.

Fermi Lecturer, Scuola Normale Superiore di Pisa, 1994.

Schur Memorial Lecturer, Tel Aviv University, 1994.

Regents' Lecturer, University of California at Riverside, 1997.

Coble lecturer, University of Illinois at Urbana–Champaign, 1999.

Chern Lecturer, University of California at Berkeley, 1999.

Blythe Lecturer, University of Toronto, 2004.

Hardy Lecturer, London Mathematical Society, 2006.

### **Selected honors and awards**

Recipient, Moscow Mathematical Society Award, 1963.

Recipient, Highest USSR National Prize (Lenin Prize) for work in Algebraic Geometry, 1967.

Recipient, Brouwer Gold Medal for work in Number Theory, Netherlands Royal Society and Mathematical Society, 1987.

Recipient, Frederic Esser Nemmers Prize in Mathematics, Northwestern University, Evanston, USA, 1994.

Recipient, Rolf Schock Prize in Mathematics of the Swedish Royal Academy of Sciences, Sweden, 1999.

Recipient, King Faisal International Prize for Mathematics, Saudi Arabia, 2002.

Recipient, Georg Cantor Medal of the German Mathematical Society, 2002.

Order Pour le Mérite, Germany, 2007.

Great Cross of Merit with Star, Germany, 2008.

### **Elected Membership in Scientific Academies**

Corresponding Member, Academy of Sciences, Russia, 1990.

Foreign Member, Royal Academy of Sciences, the Netherlands, 1990.

Member, Academia Europaea, 1993.

Member, Max–Planck–Society for Scientific Research, Germany, 1993.

Corresponding Member, Göttingen Academy of Sciences, Class of Physics and Mathematics, 1996.

Member, Pontifical Academy of Sciences, Vatican, 1996.

Member, German National Academy of Sciences (Academia Leopoldina), 2000.

Fellow, American Academy of Arts and Sciences, 2004.

Foreign Member, Académie des sciences de l'Institut de France, 2005.

### **Honorary degrees**

Doctor Honoris Causa, Sorbonne (Université Pierre et Marie Curie, Paris VI), 1999.

Abel Bicentennial Doctor Phil. Honoris Causa, University of Oslo, 2002.

Doctor Honoris Causa, University of Warwick, 2006.

### **Publications**

Author and coauthor of 11 monographs and about 235 papers in Algebraic Geometry, Number Theory, Mathematical Physics, History of Culture, Psycholinguistics.

### **Teaching**

Undergraduate teaching: courses of linear algebra and geometry, Moscow University, 1965–1991. Co–author (with A. I. Kostrikin) of the standard Course of Linear Algebra and Geometry (3rd printing in the USA.)

Graduate teaching: Moscow University, 1965–1991, Massachusetts Institute of Technology 1992–1993; Northwestern University, 2002–2008; graduate courses and seminars on algebraic geometry, noncommutative geometry, homological algebra, number theory, theory of modular forms, non–linear differential equations, integrable systems, quantum field theory, applied algebra, error–correcting codes, mathematical logic et al.

Advisor of 46 PhD theses.