

CURRICULUM VITAE

VICTOR KAC

Born: December 19, 1943, Buguruslan, Russia
Citizenship: U.S.A.
Education: M.S. Moscow State University, 1965
Candidate of Sciences Moscow State University, 1968
Thesis: Simple Irreducible Graded Lie Algebras of Finite Growth

Positions Held:

Assistant, 1968–1971
Moscow Institute of Electronic Machine Building
Senior Teacher, 1971–1976
Moscow Institute of Electronic Machine Building
Visiting Associate Professor, 1977
M.I.T., Cambridge, MA 02139, U.S.A.
Associate Professor, 1978–1980
M.I.T., Cambridge, MA 02139, U.S.A.
Professor, 1981–present
M.I.T., Cambridge, MA 02139, U.S.A.

Honors and Awards:

1981–1983 Sloan Fellowship
1981 Medal from the College de France
1986–87 Guggenheim Fellowship
1994 Wigner Medal
1998 Honorary member of Moscow Math. Society
1998 Chaire Condorcet at Ecole Normale Supérieure, Paris
1999 Sackler fellow, IHES
2002 Simons research visiting professor, MSRI
2003 Sarojini Damadaran fellow, TIFR
2007 Member of the American Academy of Arts and Sciences
2008 Conference on 65th birthday, Cortona, Italy
2012 IHP fellowship
2012-13 Simons Fellowship
2013 Member of the National Academy of Sciences, USA
2013 Conference on 70th birthday, Rio de Janeiro
2013 Victor Kac afternoon, IHES
2015 Steele prize for life achievement
2019-20 Simons Fellowship
2019 Sackler American fellow, IHES
2019 Foreign member of the Accademia dei Lincei

Conferences organized:

Oberwolfach, Germany, 1980 and 1985
Marseille, Lumini, France, 1988
Pisa, Italy, Spring program, Infinite dimensional algebra and algebraic geometry, 1991
M.I.T., Lie theory and geometry, 1993
ESI, Vienna, Programm on representation theory, 2000
Toronto, Fields Institute, 2000
MSRI, Programm Infinite-dimensional algebras and Mathematical Physics, 2002
BIRS, working in teams programm, August 2003
ESI, Vienna, Summer school on vertex algebras, June 2005
BIRS, Focused research group, May 2006
IUM, Moscow, Transformation groups, December 2007
MSU, Moscow, Algebraic methods in integrable systems, December 2012
Centro Di Giorgi, Pisa, Intensive period in Lie theory, December 2014- January 2015
ESI, Vienna, Programm on geometric representation theory, January 2017

Editorial boards and scientific committees:

Advanced series in Mathematical Physics, World Scientific, Singapore
Reviews in Mathematical Physics, World Scientific, Singapore
Transformation groups, Birkhäuser, Boston
Journal of Algebra and Applications, World Scientific
Advisory committee of INDAM, Rome
Advisory board of Istanbul Center for Mathematical Sciences

Selected invited addresses and lecture series:

Harvard colloquium, 1977
ICM, Helsinki, 1978
Invariant theory, Bonn, 1979
AMS annual meeting, San Antonio, Texas, 1980
Australian National University colloquium, Canberra, 1980
College de France, lecture series, 1981
Montecatini Terme, lecture series, Italy, 1982
Universite Paris 6, lecture series, 1983
Mathematical Soc of Denmark, Copenhagen, 1983
RIMS colloquium, Kyoto, 1984
The mathematical heritage of E. Cartan, Lyon, 1984
Anomalies, geometry, topology, Argonne, 1985
Academia Sinica, Beijing, lecture series, 1985
TIFR, Bombay, lecture series, 1985-86
Algebraic groups, Utrecht, 1987
Strings 88, Maryland, 1988
Centennial of the AMS, Providence, 1988
Colloque Dixmier, Paris, 1989
Group theoretical methods in physics, Moscow, 1990
LOMI colloquium, Leningrad, 1990
Charles University colloquium, Prague, 1990

SNS, Pisa, lecture series, 1991
 Colloque Bruhat-Tits, Paris, 1991
 Lezioni Leonardesche, Milan, 1991
 Theoretical physics conference, Tbilisi, lecture series, 1991
 Canadian Math Soc, 1991
 Ecole Normale, Paris , lecture series, 1992-93
 University of Amsterdam colloquium, 1993
 Amici della SNS di Pisa, lecture series, 1994
 Cordoba and Mendoza, lecture series, 1994
 Ecole Normale, Lyon, lecture series, 1995
 Quantum field theory, Dubna, Russia, 1996
 Group theoretical methods in physics, Goslar, Germany, 1996
 Kyoto University, lecture series, 1996
 Lumini, CIRM lecture series, 1997
 Frontiers in mathematics lecture series, Texas A+M University, 1997
 International Congress in Math. Physics, Brisbane, Australia, 1997
 Rome University graduate course, 1997
 Soliton theory and geometry, Moscow, 1998
 Schroedinger institute, lecture series, Vienna, 1998
 Ecole Normale, Paris, lecture course, 1998
 Rome University colloquium, 1998
 Swedish Math. Soc, Stockholm, 1999
 Visions in mathematics, Tel-Aviv, 1999
 Yale University colloquium, 2000
 Weisfeiler lecture, 2000
 Colloquio latinoamericano, La Falda, Argentina, 2001
 ICM Beijing, Plenary address, 2002
 Graduate course in Beijing University, 2002
 TIFR, Mumbai, lecture series, 2003
 Giornata INDAM, Rome University 1, 2004
 Group theoretical methods in physics, Cocoyoc, Mexico, 2004
 Algebra day, Carleton University, 2004
 Distinguished lecturer series, Weizmann Institute, 2005
 Summer school in Bad Honnef, 2005
 British Math. Colloquium, Newcastle, 2006
 Escola de Altos Estudos course of lectures, Sao Paulo, Brasil, 2007
 Lie days lecture series, Cornell University, 2007
 Rome University 2 colloquium, 2008
 Graduate course in Rome University 1, 2008-09
 Knowledge transfer lecture, Edinburgh, 2009
 Centennial of J. Racah, Jerusalem, 2010
 Lecture course in Buenos Aires University, 2010
 Seminal interactions between mathematics and physics, Rome, 2010
 Lecture course in Tsinghua University, Beijing, summer 2011
 IMPA 60 lecture, October 2012
 Hadamard lectures, IHES, November 2012
 Solstice conference, Paris, June 2013
 Mathematics and quantum physics conference, Rome, July 2013

Lecture course in Centro di Giorgi, Pisa, December 2014-January 2015
Lecture course in Max Planck Institute, Bonn, March 2015
Levi-Civita colloquium, Rome Tor Vergata, January 2016
Mathematics and Physics at crossroads, Frascati, July 2016
Symmetries and differential equations, Istanbul, August 2017
Vertex algebras, Rome, December 2017
Group theoretical methods in physics, Prague, July 2018
Kac-Moody geometry, Besse, France, May 2019
Vertex algebras, Dubrovnik, June 2019