

Curriculum Vitae:

József Fritz

Professor of Mathematics

Department of Differential Equations

Mathematical Institute

Budapest University of Technology and Economy (BMGE)

1111 Budapest, Műegyetem rkp. 3–5

Date and Place of Birth: April 27, 1943, Magyaróvár, Hungary

Education:

Elementary: Public School of Hegyeshalom village, 1949–1957

Secondary: Kossuth Lajos Gimnázium, Mosonmagyaróvár, 1957–1961; matured in 1961

University studies: Eötvös Loránd University of Sciences (ELTE), 1961–1967

Department of Physics, 1961–1963

Department of Mathematics, 1963–1967

Diplom in Mathematics, 1967; Thesis: Dimension and Entropy of Stochastic Processes, supervised by Alfréd Rényi

Positions:

Eötvös Loránd University of Sciences (ELTE)

Assistant, 1967

Mathematical Institute of the Hungarian Academy of Sciences

Research Assistant, 1968–1972

Research Fellow, 1972–1981

Senior Research Fellow, 1982–1986

Scientific Counsellor, 1986–1993

Eötvös University of Sciences

Professor of Mathematics, 1993–2000

Kossuth Lajos University of Sciences (KLTE), Debrecen

Professor of Mathematics, 1995–2000

Graduate School of Mathematical Sciences The University of Tokyo

Professor of Mathematics, 1998–1999 (one academic year)

Budapest University of Technology and Economics,

Professor of Mathematics, from July 1, 2000

Degrees, Prizes and Awards:

M. Schweitzer Prize of the J. Bolyai Mathematical Society, 1965

G. Grünwald Award of the J. Bolyai Mathematical Society, 1971

Candidate of Mathematical Sciences, a degree of the Hungarian Academy of Sciences, June 22, 1972; Thesis: The Concept of Entropy and its Applications (1971, in Hungarian).

PhD in Natural Sciences, Eötvös University of Sciences, December 15, 1973 (Without any Thesis, as consequence of the "Candidate" degree)

Prize of the Hungarian Academy of Sciences in Mathematics, 1984

Doctor of Mathematical Sciences, degree of the Hungarian Academy of Sciences, 1986; Thesis: Infinite Systems of Differential Equations in Statistical Physics (1984, in Hungarian).

Alfréd Rényi Award of the Mathematical Institute of the Hungarian Academy of Sciences, 1988

Corresponding Fellow of the Hungarian Academy of Sciences, 1995

Fellow of the Hungarian Academy of Sciences, 2001

Visiting Positions:

Institute for Problems of Information Transmission, Moscow: Senior Research Assistant (supervisor R.L. Dobrushin, 1975–76, one year)

Universität Heidelberg: Visiting Professor (1979 and 1986, 2–2 months)

Institute des Hautes Etudes Scientifiques, Bures-sur-Yvette: Visiting Research Fellow (1983, 1988, 1993, 2 months each)

Universita di Roma: Visiting Professor (1983, 1 month)

Rutgers University: Visiting Professor (1987, 1988, 1990, 1991, 2 months each)

Nagoya University: Visiting Professor (1991, 2 months)

Tainan University: Visiting Professor (1992, 3 months)

University of Lille for Science and Technology: Visiting Professor (1996, 1 month)

Graduate School of Mathematics, The University of Tokyo: Full Professor (1998–99, one year)

Institut Henri Poincare: Visiting Professor (2001, 2008, 1 month each)

North-Western University: Visiting Professor (2006, 1 month)

Memberships:

János Bolyai Mathematical Society, 1967–

International Association of Mathematical Physics, 1984–

American Mathematical Society, 1995–

Bernoulli Society, 1996–

Editorial Board of Journal of Statistical Physics, 1991-1994

Editorial Board of Acta Math. Hungarica, 1995–

Editorial Board of Publi. Math. Debrecenensis, 1996–

Editorial Board of Periodica Math. Hungarica, 1998–

Editorial Board of Markov Processes Related Fields, 2002–

Editorial Board of Archive for Rational Mechanics and Analysis, 2004–

Conferences

Co-Chairman of the Conference and Editor of Proceedings: International Conference on Random Fields, Rigorous Results. Esztergom, Hungary, 1979; and Random Fields and Dynamical Systems, Kőszeg, Hungary, 1984

Section Organizer: Congress of International Association of Mathematical Physics, Leipzig, Germany, 1991

Fields of Research:

Information Theory and Statistical Mechanics, 1966-1972

Statistical Pattern Recognition, 1972-75

Mathematical Methods of Non-Equilibrium Statistical Mechanics, 1975–

Theory of Hydrodynamic Limits, 1985–

Stationary States of Infinite Particle Systems, 1988–

Compensated Compactness of Microscopic Systems, 2000–

I am author of about 50 scientific papers and lecture notes, and I was an invited speaker of several international conferences.

I am married and have two daughters: Zsuzsanna (1969) and Veronika (1971). My wife, Fritz Józsefné (maiden name: Bellay Ágnes, born in 1944) is an Associate Professor of Mathematics at Budapest University of Technology and Economics.

Budapest, June 9, 2010