

CV János Kertész
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Name: János Kertész

Studies:

- **1980 Dr. rer nat. at Eötvös University.** Thesis: Atomic dynamics of simple liquids
- 1976 - 1978 Postgraduate fellowship of the Hungarian Academy of Sciences (HAS)
- 1976 Diploma in Physics, Eötvös University Budapest

Habilitation or equivalent:

- **1989 Doctor of Physical Sciences (D.Sc., HAS)**

Occupations:

- **2012 – present: professor at the Central European University (CEU)**
- **2019 – present: member of the CEU Senate**
- 2014-2020: Director of the Network Science PhD Program at CEU
- **2018 – present: Head of the Department of Network and Data Science at CEU**
- 1993 – 2018: professor of physics at Budapest University of Technology and Economics, (2012-2018 part time)
- 2001 – 2012 Director of the Institute of Physics at BME
- 1995 - 2007 Head of the Department of Theoretical Physics at BME
- 1992 - 2000 Deputy Director of the Institute of Physics at BME
- 1992 – 1993 Scientific Advisor, at the (BME)
- 1991 - 1993 Scientific Advisor at the Institute of Technical Physics (ITP)
- 1990 - 1991 Senior Research Fellow of the ITP
- 1979 - 1989 Fellow of the ITP
- 1978 - 1979 Junior Scientist at the ITP

Fellowships:

- 1989-1991 A.v.Humboldt-Fellowship at the Cologne University
- 1980-1981 DAAD-Stipendium at the Cologne University
- 1975 -1976 Fellowship of the Hungarian People's Republic

Further Employments/Study Trips:

- 1988 - 1989 and 1991 Visiting professor at the Cologne University
- 1982 - 1983 Visiting scholar at the TU München
- 1981 - 1982 Research fellow at the Cologne University
- One to three months stays: SPT-CEA Saclay (France), Naples (Italy), Univ. Duisburg (Germany, several times), Boston University (US) Univ. Cambridge (UK), Univ. Cologne (Germany, several times), FZ Jülich (Germany, several times), Univ. Notre Dame (US) Helsinki Univ. Techn. / Aalto (Finland, several times), Santa Fe Institute (US), Northeastern Univ. (US)

Activities Related to Science:

- Head of the Panel for International Cooperation Projects of the Hungarian Science Foundation (2010-2014)
- Head of the Physics Panel of the Hungarian National Science Foundation (2003-2005)
- 1996 - 1999 Chair of the Controllers' Committee of the Hungarian Physical Society
- 1994 - 1997 Secretary of the Committee for Statistical Physics of the HAS
- 1997 - 2001 Chairman of the Committee for Statistical Physics of the HAS
- 1985 - 1990 Secretary of the Committee for Statistical Physics of the Hungarian Physical Society

- Organizer and co-organizer of several conferences, schools and workshops, including international ones (Budapest 1987: Pattern formation, Cologne 1989: Surface growth, Les Houches 1992: Surface disordering, Budapest 1996: Advances in computer simulation, Budapest 1997: Econophysics, Budapest 1999: NATO ARW on Applications of Statistical Physics, Bali 2002: Econophysics, Workshop on Strengthening Computational Science in Europe, Jülich, chairman of "Fluctuations and Noise in Finance and Complex Systems", Florence, 2007, technical chairman of "Complex 2009" Shanghai, 2009), Co-director of the Enrico Fermi School of Physics, "School on Computational Social Science and Complex Systems", Varenna, 2018
- Member of the Programme Committees at conferences (Budapest 1993: Fractals, Balatonszeplak 1995: Gels, Cracow 1996: Physics Computing, Jülich, 1996: Friction, Dublin 1999: Econophysics, Aachen CCP2001, Bangalore 2004: STATPHYS 22, Canberra 2005: Econophysics Colloquium, Palermo 2006: Grid Computing in Risk Management)
- Organizer of the International Summer School on Network Science, Balatonszéplak, May 2014
- **Member of the Editorial Boards or Advisory Boards** of Journal of Physics A (1990-1994), Physica A (1990-), Fractals (1993-2003, 2008-; managing Editor 2004-2008), Fluctuation and Noise Letters (2001-2003), New Journal of Physics (2012-2017), Physical Review E (2015-2020), Computational Social Science (2019-), J. Phys. Complexity (2020-)
- Board Member of the Computational Physics Group of EPS (1996-2012)
- Board Member of the Statistical and Nonlinear Physics Division of EPS (1996-2008)
- Member of the Scientific Council of the Neumann Institute for Computing Jülich (1996-2001, 2004-2009)
- Member of the Statistical Physics Commission of the International Union of Pure and Applied Physics (IUPAP) (2018-present)

Honors:

- **2016 Benjamin Lee Professor of the Asia Pacific Center for Theoretical Physics, Seoul**
- **2014 Széchenyi Award of the Hungary State for internationally recognized results in statistical physics and its applications, especially in network science.**
- 2011 Albert Szent-Gyorgyi Award for teaching and scientific achievements by the Ministry of Culture and Education
- **2010-2014 "Finland Distinguished Professor" of the Academy of Finland and TEKES**
- 2010 "Santa Chiara Prize" for multidisciplinary teaching (University of Siena)
- 2006 Arnold Ipolyi Award of the Hungarian National Science Foundation
- **2001 – Elected Member of the Hungarian Academy of Sciences**
- 1997 – present Adjunct Professor at the University of Technology Helsinki
- 1989 Academy Award of the HAS
- 1987 Novobáztzy Award of the Hungarian Physical Society
- 1984 Jung Scientist Prize of the HAS

Publications: <https://scholar.google.hu/citations?user=KVaePnkAAAAJ&hl=en&oi=ao>