

## CURRICULUM VITAE

**Name:** János Kertész

### **Studies:**

- 1976 Diploma in Physics, Eötvös University Budapest
- 1976 - 1978 Fellowship of the Hungarian Academy of Sciences (HAS)
- 1980 Dr. rer. nat. Thesis: Atomic dynamics of simple liquids. Supervisor: Prof. T. Geszti (at the Institute of Technical Physics (ITP) of the HAS)

### **Habilitation or equivalent:**

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

### **Occupations:**

- 1978 - 1979 Junior Scientist at the ITP
- 1979 - 1989 Fellow of the ITP
- 1990 - 1991 Senior Research Fellow of the ITP
- 1991 - 1993 Scientific Advisor at the ITP
- 1992 - Scientific Advisor, from 1993 Professor of Physics at the Budapest University of Technology and Economics (BME)
- 1992 - 2000 Deputy Director of the Institute of Physics at BME
- 1995 - 2007 Head of the Department of Theoretical Physics at BME
- 2001 – 2012 Director of the Institute of Physics at BME
- 2012 – Professor at the Center for Network Science of the Central European University

### **Fellowships:**

- 1975 -1976 Fellowship of the Republic
- 1976-1978 Fellowship of the HAS
- 1980-1981 DAAD-Stipendium at the Cologne University
- 1989-1991 A.v.Humboldt-Fellowship at the Cologne University

### **Further Employments Abroad:**

- 1981 - 1982 Research fellow at the Cologne University
- 1982 - 1983 Visiting scholar at the TU München
- 1988 - 1989 and 1991 Visiting professor at the Cologne University
- One-six months stays: Saclay (France), Naples (Italy), Boston (USA, several times), Duisburg (Germany), Cambridge (UK), Cologne (Germany, several times), Jülich (Germany, several times), Helsinki (Finland, several times), Santa Fe (USA)

### **Activities Related to Science:**

- 1985 - 1990 Secretary of the Committee for Statistical Physics 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
- 1996 - 1999 Chair of the Controller's Committee 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)

- 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)

- Member of the Editorial Boards or Advisory Boards of Journal of Physics A (1990-1994), Physica A (1990-), Fractals (1993-2003, 2008-) and Fluctuation and Noise Letters (2001-2003); European Managing Editor of "Fractals" (2004-2008), New Journal of Physics (2011-)

- 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-)

- Head of the Physics Panel of the Hungarian National Science Foundation (2003-2005)

#### **Honours:**

- 1984 Jung Scientist Prize of the HAS

- 1987 Novobátsky Award of the Hungarian Physical Society

- 1989 Academy Award

- 1997 - Adjunct Professor at the University of Technology Helsinki

- 2001 - Member of the Hungarian Academy of Sciences

- 2006 Arnold Ipolyi Award of the Hungarian National Science Foundation

- 2010-2014 "Finland Distinguished Professor" of the Academy of Finland and TEKES

- 2010 "Santa Chiara Prize" for multidisciplinary teaching (University of Siena)

- 2011 Albert Szent-Györgyi Award for teaching and scientific achievements by the Ministry of Culture and Education

Budapest, September 22, 2012