

## Curriculum Vitae

**Name: György Terdik, Dr.-habil.**

*Date and place of birth: April 28, 1949, Nyiracsád, Hungary*

*Present position: Professor, Faculty of Informatics, University of Debrecen, Hungary*

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### ***Education***

- 2006 Doctor of the Hungarian Academy of Sciences (D.Sc.)
- 1999 Habilitation at Kossuth University of Debrecen, (dr.-habil.)
- 1982 PhD Academic Degree in Probability and Statistics, Department of Probability Theory, State University of Leningrad, USSR, supervisor: Professor I. A. Ibragimov  
Title of the theses: Some statistical problems related to autoregressive random fields, (in Russian)  
1980, Leningrad,
- 1975 University Doctoral Degree on Science, Kossuth University of Debrecen, Hungary.
- 1973 Graduated in Mathematics and Statistics, Kossuth University of Debrecen, Hungary.

### ***Honours received***

- 2013 *Pro Universitate Award*, University of Debrecen
- 1997-2001 Széchenyi Professorial Award for outstanding academic achievement-given by the Ministry of Education, Government of Republic of Hungary ,
- 1996 Civilian Order of Merit of Republic of Hungary (Small Cross), awarded by the president of Republic of Hungary in recognition for the establishment of Wide Area Highspeed Communication Network amongst the Higher Education Institutions in Debrecen.
- 1988 Medal for Outstanding Research and Teaching, given by the Ministry of Culture and Education, Government of People's Republic of Hungary,

### ***Fellowships and Visiting Appointments***

- 2005, October – November, Visiting Professor, Short PhD course, Site Parisien ENSAE
- 2003 Spring and 2003/4, Visiting Professor, CWRU, Department of Statistics, USA.
- 2003 (two months) NATO Senior Science Fellowship, UMIST, Manchester,
- UK2002 Fall, Visiting Professor, UCSB, Department of Statistics, USA.
- Indian Statistical Institute, Delhi, India (Professor B. L. S. Prakasa Rao), 2000 January, ISI Calcutta, (Professor B. S. Rao 2000 February, as a part of exchange program between Hungarian Academy of Sciences and Indian Academy of Sciences
- 1993 EC Cooperation in Science and Technology (to work with Professor T. Subba Rao), 3 month grant, UMIST, Manchester, UK.
- Department of Statistics (Professor M. B. Rao), 1990, 3 months. North Dakota State University, Fargo, ND, USA
- Center for Multivariate Analysis (Professor C. R. Rao), 1989, 2 months. Penn State University, State College, PA, USA.
- 1988/89 Senior Fulbright Scholarship, 10 month grant, (to work with Professor D. R. Brillinger), Department of Statistics, University of California, Berkeley, CA, USA.
- 1989/90 Visiting Professor, University of Arkansas Fayetteville, USA.
- 1984/85 British Council Scholarship, 5 month grant, (work with Professor Sir D. R. Cox) Statistics Department, Imperial College, London, UK.

### ***Employment***

- 2010-2013 Dean of Faculty of Informatics, University of Debrecen
- 2008- Full-Professor of Department of Information Technology, University of Debrecen
- 2006- 2013 Chairman of Department of Information Technology
- 2002- Associate Professor, Department of Information Technology, Faculty of Informatics, University of Debrecen
- 2001-2002 Associate Professor, Institute of Mathematics and Informatics, University of Debrecen
- 1991-2001 Chairman of Center for Informatics and Computing, Kossuth University of Debrecen
- 1985-91 Associate Professor, Kossuth University of Debrecen, Department of Mathematics, Probability and Applied Mathematics Section, Head of the Section 1986-1989.
- 1979-1985 Assistant Professor Kossuth University of Debrecen, Department of Mathematics
- 1973-1979 Lecturer Kossuth University of Debrecen, Department of Mathematics.

### ***Memberships and Learned Societies***

- Hungariam Academy of Science
- J. Bolyai Mathematical Society, Hungary.
- International Bernoulli Society in Probability and Statistics.
- J. Neumann Society of Computer Science.

### ***Languages***

Hungarian, fluent in English and Russian

### ***Research Interest***

- Statistics of Spatial-Time and Spherical Processes
- Statistics of Sensor Networks and Sports
- Nonlinear Time Series Analysis
- Modelling of Multi-fractal Data, High Speed Communication Networks
- Application of Stable Distributions
- Multivariate Bilinear Models, Identification, Realization and Control

### ***Books published***

- György Terdik, Bilinear Stochastic Models and Related Problems of Nonlinear Time Series Analysis, Lecture Notes in Statistics, Springer Verlag, No142 (1999), New York, xx+260 pp. ISBN 0-387-98872-6.

### ***Supervision***

PhD students supervised                      6

### ***Teaching courses***

*At University of Debrecen:*

- Time Series Analysis, one semester Ph.D. course
- Probability Theory, two-semester M.Sc. course
- Stochastic Processes, one semester M.Sc. course
- Mathematical Statistics, one/two-semester M.Sc. course
- Multivariate Analysis, one semester M.Sc. course

*USA, at U of A, UCSB, CWRU*

- Time Series Analysis, one semester M.Sc. course
- Stochastic Processes, one semester, M.Sc. course
- Multivariate Analysis, one semester, M.Sc. course
- Probability and Statistics one semester BSc course