

CURRICULUM VITAE of  
László GYÖRFI

Born in Hercegfalva, Hungary, on July 6,1947.

Married with Katalin Gém, two children: Katalin (1973), János (1977).

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Degrees:

- Teacher for Mathematics and Physics, 1970, Loránd Eötvös University, Budapest, Hungary, with thesis entitled "Poisson processes with abstract parameter space".
- Doctor of University, 1974, Loránd Eötvös University, Budapest, Hungary, with thesis entitled "Potential function algorithms".
- Candidate of Mathematical Sciences, Hungarian Academy of Sciences, 1978, with thesis entitled "Selected topics in multi-hypotheses statistical pattern recognition".
- Doctor of Mathematical Sciences, Hungarian Academy of Sciences, 1988, with thesis entitled "Nonparametric curve estimation from dependent samples".
- Corresponding Member of the Hungarian Academy of Sciences, 1995.
- Ordinary Member of the Hungarian Academy of Sciences, 2001.

Employment:

- From 1970 to 1975, as a junior researcher at the Telecommunication Research Institute.
- From 1975 to 1990, as a senior researcher at the Research Group for Informatics and Electronics of the Hungarian Academy of Sciences.
- Since 1990, as a professor of mathematics at the Budapest University of Technology and Economics.
- From 1995 to 2006, as the head of the Research Group for Informatics and Electronics of the Hungarian Academy of Sciences.

Main works:

- L. Devroye, L. Györfi (1985) *Nonparametric Density Estimation: the  $L_1$  View*, Wiley. Russian translation: Mir, 1988.
- L. Györfi, W. Härdle, P. Sarda, Ph. Vieu (1989) *Nonparametric Curve Estimation from Time Series*, Lecture Notes in Statistics, Springer-Verlag
- L. Devroye, L. Györfi, G. Lugosi (1996) *Probabilistic Theory of Pattern Recognition*, Springer, New York.
- L. Györfi, M. Kohler, A. Krzyzak, H. Walk (2002) *A Distribution-Free Theory of Nonparametric Regression*, Springer, New York.
- L. Györfi (Ed.) (2002) *Principles of Nonparametric Learning*, Springer, Wien.
- E. Biglieri, L. Györfi (Eds.) (2007) *Multiple Access Channels: Theory and Practice*, IOS Press, Amsterdam.

Prizes:

- Farkas Gyula Prize, 1975,
- Pollák - Virág Prize, 1990,
- Fellow of the IEEE, 1997,

- Jacob Wolfowitz Prize, 1997,
- Széchenyi Prize, 2000.

Visits abroad:

- CISM, Udine, 1971, 1972, 1973, 1979, 1990, 1995, 1999, 2000, 2001, 2002, 2003, 2004,
- Institute for Information Transmission Problems of the USSR Academy of Sciences, Moscow, 1975,
- Technische Universität Wien, Vienna, 1979, 2007,
- Mathematisches Forschungsinstitut Oberwolfach, Oberwolfach, 1979, 1980, 1982, 1984, 1986, 1989, 1990, 2000, 2005, 2008
- McGill University, Montreal, 1981, 1983,
- Columbia University, New York, 1983,
- University of Massachusetts, Amherst, 1983,
- ETH Zürich, Zürich, 1984,
- Linköping University, Linköping, 1985,
- Technical University of Athens, Athens, 1986,
- Katholieke Universiteit Leuven, Leuven, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 2002, 2003, 2006, 2007, 2008, 2009,
- Universität Bonn, Bonn, 1988,
- Universität Stuttgart, Stuttgart, 1991, 1993, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2006,
- Université Montpellier II, Montpellier, 1993, 1995,
- Universität Wien, Vienna, 1995,
- Université Paris VI, Paris, 1997, 2000
- Université de Montreal, Montreal, 1997,
- University of Cambridge, Cambridge, 1997, 2008,
- Universidad Carlos III de Madrid, Madrid, 1998,
- Concordia University, Montreal, 2001,
- Pompeu Fabra University, Barcelona, 1998, 1999, 2004, 2005, 2006,
- Imperial College, London, 2005, 2007,
- Université de Versailles, Versailles, 2005,
- Université de Rennes, Rennes, 2007,
- Institute of Information Theory and Automation, Academy of Sciences of the Czech Republic, Prague, 2007,
- University of Ulm, Ulm, 2007,
- Max Planck Institute, Tübingen, 2007,
- Istanbul University, Istanbul, 2007,

- Technische Universität Graz, Graz, 2008,
- INSA Toulouse, Toulouse, 2008,
- Royal Holloway, University of London, 2008,

Past and current research topics:

- stochastic approximation,
- pattern classification,
- nonparametric density, regression and entropy estimation,
- prediction of time series,
- multiple access communication,
- source coding,
- empirical portfolio selection.

Teaching courses on

- probability theory,
- stochastic processes,
- queueing,
- information theory,
- coding theory,
- mathematical statistics.