

CURRICULUM VITAE of
László GYÖRFI

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

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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,
- Academia Europaea, 2010,
- Pro Facultate, 2016.

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.