

Curriculum vitae

Vilmos Totik

Born: 3/8/54, Mosonmagyaróvár, Hungary

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Education:

Doctor of Mathematical Sciences: Hungarian Academy of Sciences, 1986.

Ph. D. – Candidate of Mathematical Sciences: Hungarian Academy of Sciences, Hungary, 1980.

M. Sc. in Mathematics: József Attila University, Szeged, Hungary, 1978.

Employment:

1989– Professor, University of South Florida, Tampa (joint appointment with)

1988– Professor, Chair, University of Szeged (previously József Attila University), Szeged

1983–88 Associate Professor, József Attila University, Szeged

1981–83 Assistant Professor, József Attila University, Szeged

1978–80 Research Assistant, József Attila University, Szeged

Editorial work:

1984– Journal of Approximation Theory

1985–88 Analysis Mathematica (technical editor)

1985– Acta Scientiarum Mathematicarum (Szeged)

1989– Zeitschrift für Analysis und Ihre Anwendungen

1990– Constructive Approximation

1993– Acta Mathematica Hungarica

1999– Analysis Mathematica

2005– Surveys in Approximation Theory

Publications:

Monographs:

Moduli of Smoothness (with Z. Ditzian), Springer Series for Computational Mathematics, **9** Springer V., New York 1987.

General Orthogonal Polynomials (with H. Stahl), Encyclopedia of Mathematics, Cambridge University Press, **43**, New York 1992.

Weighted approximation with varying weights, Lecture Notes in Mathematics, **1569**, Springer Verlag, New York, 1994.

Logarithmic Potentials with External Fields (with E.B. Saff), Grundlehren der mathematischen Wissenschaften, **316**, Springer Verlag, Berlin, Heidelberg, 1997.

Metric properties of harmonic measures, *Memoirs of the American Mathematical Society*, **184**, number 867, 2006.

Problems and Theorems in Set Theory (with P. Komjáth), Problem Books in Mathematics, Springer Verlag, 2006.

Papers: about 150.

Longer invitations:

1983–85 The Ohio State University, Columbus, Ohio, USA

1984 University of Alberta, Edmonton, Canada

1986 University of Alberta, Edmonton, Canada

1986 University of Kuwait, Kuwait

1987–88 University of South Florida, Tampa, Florida, USA

1992 University of the Witwatersrand, Johannesburg, South Africa

Honors, awards and prizes:

Széchenyi-award (President of Hungary), 2006

Member of the Hungarian Academy of Sciences, 1993

Lester R. Ford Award (Mathematical Association of America), 2000

Szent-Györgyi Award (Minister of Education, Hungary), 1999
Miklós Schweitzer Contest, 1st prize 1978, 1st prize 1979, 2nd prize 1976,
G. Alexits Award (János Bolyai Mathematical Society), 1984
G. Grünwald Award (János Bolyai Mathematical Society), 1979

Recent committee assignments:

President of the 2010 Bolyai Medal (Hungarian Academy of Sciences, 2009–2010)
Member of the scientific committee of the Fifth European Congress of Mathematicians (2006–2008)
Member of the scientific committee of the IXth International Conference on Approximation and Optimization in the Caribbeans (2007–2008)
Member of the Scientific Board of the Paul Erdős Institute, 1999–
Member of the graduate committee of the Mathematics and Statistics Departments of USF (2006–2009)

Grants during the last 7 years:

National Science Foundation, DMS 0700471, 2007–2010
National Science Foundation, DMS 0406450, 2004–2007
INTAS Network, European Community, 2003–2006
National Science Foundation, DMS 0097484, 2001–2004

Talks during the last 7 years:

IXth international conference on approximation optimization in the Caribbeans, San Andres, Colombia, 2008
Modern methods in the theory of asymptotics of polynomials, Banff International Research Station, Banff, Canada, 2007 (plenary talk)
Recent trends in complex analysis, Cyprus, 2006 (plenary talk)
Spectral Theory and Mathematical Physics, Los Angeles, USA, 2006 (plenary talk)
Constructive Theory of Functions, Varna, Bulgaria, 2005 (plenary talk)
University of New South Wales, Sydney, Australia, 2005 (colloquium talk)
Harmonic Analysis and Approximation, Auckland, New Zealand, 2005 (plenary talk)
Constructive Functions Tech04, Atlanta, USA, 2004 (plenary talk)
4th European Congress of Mathematics, Stockholm, Sweden, 2004 (invited talk)
5th International Conference on Functional Analysis and Approximation Theory, Maratea, Italy, 2004 (plenary talk)
International Conference on Approximation, Ubeda, Spain, 2004 (plenary talk)
California Institute of Technology, Los Angeles, California, 2003 (seminar talk)
Special IDR Meeting honoring Carl de Boor, Dagstuhl, Germany, 2003 (plenary talk)
Kent State University, Kent, Ohio, 2003 (colloquium talk)
The Ohio-State University, Columbus, Ohio, 2003 (colloquium talk)