CURRICULUM VITAE

Szilárd György Révész

Alfréd Rényi Mathematical Institute of the Hungarian Academy of Sciences, Department of Analysis
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BACKGROUND SUMMARY

Forty years experience of teaching and research in mathematics. Eighty research papers and more than a hundred invited lectures, seminars and conference presentations on a wide range of topics mainly in analysis and number theory.

RESEARCH AREAS

Approximation theory and extremal problems in analysis [5, 9, 15, 18, 16, 17, 26, 24, 27, 31, 11, 13, 4, 8, 44, 49, 48, 53, 57, 51, 60, 54, 65, 68, 75, 72, 70, 74, 79, 78, 81, 83, 80, 90, 92], **Fourier series** and **periodic** [15, 22, 8], **almost periodic** [10, 14, 7] and **mean periodic** [10, 25, 7] **functions**, elementary [1], algebraic and analytic **number theory** [2, 3, 9, 6, 4, 8, 21, 72, 70, 87, 88, 84, 94, 93], **Fourier analysis** [15, 22, 53, 51, 64, 60, 54, 65, 68, 75, 82, 74] and in particular **probabilistic methods** in Fourier analysis [9, 14, 15, 22, 25, 31, 8, 88], **positive definite functions** [36, 44, 45, 51, 64, 60, 54, 68, 75, 82, 86], **abstract harmonic analysis** [45, 68, 75, 82, 86, 89], functional, in particular **difference equations** [10, 12, 6, 50, 55, 73], classical one variable **real analysis** [10, 19, 7, 80, 90, 91, 92, 85] and **complex analysis** [48, 49, 76, 71, 79, 78], **term structure of interest rates** [20, 23], inequalities and extremal problems for **multivariate polynomials on convex bodies** [27, 29, 30, 28, 32, 36, 39, 34, 47, 46, 61, 56, 66, 67], **polarization constants** and **polynomial inequalities** in normed spaces [28, 32, 36, 33, 37, 40, 34, 47, 46, 67], applications of **potential theory** [32, 40, 33, 41, 42, 38, 46, 34, 47, 66, 67, 80, 83], **functional analysis**, in particular **geometry of Banach spaces**, [36, 37, 33, 41, 38, 42], **convex geometry** and its application in analysis [30, 36, 76, 79, 78, 81].

EDUCATION AND DEGREES

M.S. Degree in Mathematics, summa cum laude   1982
  Supervisor: Gábor Halász;
  Thesis: *Nonnegative polynomials and extremal problems with applications*, pp. 91,
  Loránd Eötvös University of Sciences, Budapest
Ph.D. Degree in Mathematics, summa cum laude   1984
  Supervisor: János Pintz; Thesis: c.f. [4]
  Loránd Eötvös University of Sciences, Budapest

Candidate Degree in Mathematics   1989
   Advisor: Gábor Halász; Thesis: c.f. [8]
   Hungarian Academy of Sciences
M.B.A. Degree in Economics, excellent   1994
   Supervisors: Zsolt Bánki and Ádám Farkas; Thesis: c.f. [20].
   Budapest University of Economical Sciences, Budapest
Habilitation in Mathematics   2010
   Thesis: c.f. [62]
   Budapest University of Technology and Economics, Budapest
Doctor of the Academy in Mathematics   2011
   Thesis: c.f. [62]
   Hungarian Academy of Sciences, Budapest

EMPLOYMENT

Head of the Department of Analysis   2019–Present
Alfréd Rényi Institute of Mathematics, ELKH
Scientific Advisor (Research Professor) (2015–2017 part-time)   2013–2019
Alfréd Rényi Institute of Mathematics, Hungarian Academy of Sciences
Professor   2016–2017
University of Pécs, College of Sciences, Institute of Mathematics and Informatics
Professor   2015–2016
Budapest University of Technology and Economics,
College of Science, Institute of Mathematics, Department of Geometry
Professor   2011–2013
Kuwait University, College of Science, Department of Mathematics
Research Staff Member, Senior Researcher   1990–2011
Alfréd Rényi Mathematical Institute of the Hungarian Academy of Sciences
Associate Professor   1989–1990
Department of Mathematics & Physics, GAMF College, Kecskemét
Assistant/Associate Professor   1988–1989
Faculty of Electrical Engineering, Technical University of Budapest
Postdoctoral Fellow   1985–1988
Hungarian Academy of Sciences – Analysis Department, Eötvös University
Assistant Professor   1982–1985
Analysis/Algebra & Number Theory Departments, Eötvös University
Teaching Assistant   1979–1982
Mathematical Institute of Loránd Eötvös University

INTERNATIONAL EXPERIENCE

Visiting Professor   2011–2013
Kuwait University, College of Science, Department of Mathematics

Visiting Research Fellow   October 2010
Institut Hautes Etudes Scientifiques, Paris - Bures sur Yvette, France
Visiting Researcher   September 2010
Center for Discrete Mathematics & Theoretical Computer Science, Rutgers University, USA
Visiting Professor   May 2009
Université Henri Poincaré Nancy 1, France
Visiting Professor   April 2008
Université Henri Poincaré Nancy 1, France
Marie Curie Research Fellow   April 2006 – August 2007
Institut Henri Poincaré, CNRS, Paris, France
Marie Curie Research Fellow   April–October 2001
National Technical University of Athens, Athens, Greece
Visiting Researcher   September 1993
Center for Discrete Mathematics & Theoretical Computer Science, Rutgers University, USA
Visiting Assistant Professor   Winter 1989
Dept. of Mathematics & Computer Science, California State University, Los Angeles, USA

EDITORIAL WORK

Editor in Chief of the journal **Analysis Mathematica**, 2015–Present.
Chair of the Advisory Board of the journal **Mathematica Pannonica**, 2020–Present.
Editorial Council member of the journal **Ural Mathematical Journal**, 2015–Present.
Editor of the journal **Studia Scientiarum Mathematica Hungarica**, 2019–2021.
Editor for the Mathematics Section of the **Kuwait Journal of Science**, 2012–2013.
Editor of the Conference Proceedings *"Approximation Theory and Function Series"*,
     Bolyai Society Mathematical Studies **5**,
     Bolyai Society, Budapest, 1996, 367 pages. MR 97h: 41002.
Assistant Editor of the Conference Proceedings *"Approximation Theory"*
     Colloquia Mathematica Societatis János Bolyai, Vol. **58**,
     Elsevier, North Holland, Amsterdam – New York, 1991, 798 pages. MR 93k:41002.

LECTURES AND PRESENTATIONS AT CONFERENCES, COLLOQUIUMS, SEMINARS

     Invited plenary lecture *"On the life and work of János Pintz"* at the **Number Theory Conference** in Debrecen, Hungary, July 2022.
     Contributed talk at the **Number Theory Conference** in Debrecen, Hungary, July 2022. [84, 87, 88, 94] [94]
     Invited plenary lecture at the **Stechkin Summer School** in Kyshtym, Russia, August 2022 (attended by zoom). [91, 92, 85]
     Seminar Talk at the Department of Mathematics: Analysis, Logic and Discrete Mathematics, Ghent University, Belgium, May 2022 [84, 87, 88, 94].
     Invited plenary lecture at the **Workshop on Harmonic and Functional Analysis**, Budapest, Hungary, November 2021. [86].

Invited plenary lecture at the **M. Baran-60 Conference on Constructive Theory of Functions**, Tarnow, Poland, September 2021 (attended by zoom). [80, 92]

Invited plenary lecture at the **Stechkin-100 Conference on Constructive Theory of Functions**, Moscow, Russia, September 2021 (attended by zoom). [80, 92]

Invited plenary lecture at the **Stechkin Summer School** in Uznezya, Russia, August 2021 (attended by zoom). [80, 92]

Seminar Talk at the **Harmonic Analysis Seminar** of the Numerical Harmonic Analysis Group of Universität Wien, May 2021 (attended by zoom). [86]

Invited plenary lecture at the **Stechkin Summer School** in Khystim, Russia, August 2020 (attended by zoom). [80]

Invited plenary lecture at the **Stechkin Summer School** in Dalnaya Dacha, Russia, August 2018. [80, 92]

Seminar Talk at the Research Seminar of the Department of Constructive Function Theory, Ural Federal University, Yekaterinburg, Russia, February 2018 [79, 78].

Seminar Talk at the Research Seminar of the Institute of Mathematics and Informatics of the University of Pécs, September 2017 [77, 86].

Seminar Talk at the Research Seminar of the Institute of Mathematics and Informatics of the University of Pécs, March 2017 [49, 48, 76, 71, 79, 78].

Seminar Talk at the Research Seminar of the Department of Constructive Function Theory, Ural Federal University, Yekaterinburg, Russia, December 2016 [79].

Seminar Talk at the Function Theory Seminar of the Lomonosov State University of Moscow, Moscow, Russia, November 2016 [77].

Invited plenary lecture – Constructive Function Theory, Sozopol, Bulgaria, June 2016. [80]

Seminar Talk at Kliment Ohridsky University of Sofia, Sofia, Bulgaria, June 2016 [79].

Seminar Talk at the Research Seminar of the Department of Constructive Function Theory, Yekaterinburg, Russia, November 2015 [76, 71, 79].

Seminar Talk at the Function Theory Seminar of the Lomonosov State University of Moscow, Moscow, Russia, October 2015 [80].

Lecture on the **Tenth Summer School in Potential Theory**, Budapest, Hungary, August 2015 [80].

Convex Geometry Days, Budapest, June 2015. [76, 71, 79].

Seminar Talk at the Seminar of the Department of Geometry of the Budapest University of Technology, Budapest, April 2015 [76, 71, 79].

Geometric investigations arising from complex and multivariate approximation– lecture series at the Ural Federal University, Yekaterinburg, Russia, March 2015. [48], [49], [71], [66], [47]

Colloquium talk at the B. V. Stechkin Mathematical Institute of the Russian Academy of Sciences, Yekaterinburg, Russia, March 2015. [70]

Extremal problems for positive definite functions–lecture series at the Ural Federal University, Yekaterinburg, Russia, March 2015. [31, 44, 45, 63, 68, 75, 82]

Seminar Talk at the Research Seminar of the Department of Constructive Function Theory, Yekaterinburg, Russia, March 2015. [7], [10], [12], [50], [55], [73]

Constructive Theory of Functions, Bedlewo, Poland, July 2014. [47], [66]

Dyadic Analysis and Related Fields with Applications Nyíregyháza, Hungary, June 2014. [63], [68], [75]

Seminar Talk at Kliment Ohridsky University of Sofia, Sofia, Bulgaria, October 2013 [49], [48], [76], [71].

CAA'13 – International Conference on Complex Analysis and Applications, Sofia, Bulgaria, October 2013. [49], [48], [76], [71]

Szőkefalvi-Nagy 100 - a Conference in Honor of the 100th Anniversary of Béla Szőkefalvi-Nagy, Szeged, Hungary, June 2013. [70]

Colloquium talk at the Department of Mathematics of the German University of Technology at Oman, Muscat, Oman, June 2013. [44], [68], [75]

ICDEA 19 – 19th International Conference on Difference Equations and Applications, Sultan Qaboos University, Muscat, Oman, May 2013. [10], [12], [7], [50], [55], [73]

Colloquium talk at the Department of Mathematics of Kuwait University, Kuwait, April 2013. [44], [68], [75]

Workshop on Distance Geometry, Salzburg, Austria, July 2012. [41], [38], [42]

Colloquium talk at the Department of Mathematics of Kuwait University, Kuwait, February 2012. [63], [68]

Paul Turán Memorial Conference, Budapest, August 2011. [63]

XXXVth Summer Symposium in Real Analysis, Budapest, June 2011. [63]

Lecture on the **Ninth Summer School in Potential Theory**, Nyíregyháza, Hungary, July 2010. [41], [38], [42]

Constructive Theory of Functions, Sozopol, Bulgaria, June 2010. [47, 66].

Third Workshop in Fourier Analysis, Budapest, September 2009. [68] [63].

Lecture on the **Eighth Summer School in Potential Theory**, Budapest, Hungary, July 2009.

Conference in honor of Professor Ferencz Móricz on the occasion of his 70th birthday, Szeged, Hungary, May 2009. [60, 65, 54]

Seminar talk at the Institut für Biometrie und Bioinformatik, München, Germany, November 2008. [10, 12, 50, 55].

Lecture at the Institut für Biometrie und Bioinformatik, München, Germany, November 2008. [27, 36, 34, 46, 47, 66]

Lecture on the "Groupe de travail" **Analyse Fourier**, Paris, France, October 2008. [15, 22].

Seventh Summer School in Potential Theory, Baja, Hungary, June 2008.

Constructive Theory of Functions, Campos do Jordao, Brasil, June 2008. [27, 36, 34, 46, 47, 66].

Seminar talk at the Department of Applied Analysis of the Eötvös University, Budapest, Hungary, April 2008. [10, 12, 50, 55].

Encounters between discrete and continuous mathematics, Blaubeuren, April 2008. [10, 12, 50, 55].

Seminar Talk at the Université Henri Poincaré, Nancy, March 2008.

Lecture at the Univerity of Edinburgh, Edinburgh, February 2008. [63, 68].

Lecture at the University of Cambridge, Cambridge, February 2008. [60, 54, 65].

Real Analysis - M60, Budapest, February 2008. [60, 54, 65].

Seminar talk at the University of Szeged on the Harmonic Analysis Seminar, February 2008. [60, 54, 65].

Second Workshop on Fourier Analysis, Budapest, September 2007. [63, 68].

Stechkin Summer School in Function Theory, Aleksin, Russia, August 2007. [60].

Lecture series on the 6th**Summer School in Potential Theory**, Sofia, Bulgaria, July 2007, [34, 46, 47, 66].

Orthogonal Polynomials, Special Functions and Applications - OPSFA 9, Marseille-Luminy, July 2007 [60].

Lecture at the Université de Lille, Lille, France, June 2007 [60].

Lecture at the Université de Nancy, Nancy, France, June 2007.

Lecture at the Université de Bordeaux 1, Bordeaux, France, June 2007.

MathESTIA 2007, Estia, France, April 2007. [60].

Lecture on the "Groupe de travail" **Theorie Analytiques de Polynomes et Analyse Fourier**, Paris, France, April 2007 [36].

Journées d'Analyse Fonctionelle et Harmonique, Lens, March 2007, [63, 68].

Lecture on the "Groupe de travail" **Theorie Analytiques de Polynomes et Analyse Fourier**, Paris, France, March 2007, [36].

Seminar talk on the "Seminaire d'analyse fonctionnelle" at Université Paris 6, Chevaleret, Paris, France, February 2007, [41, 42, 38].

Lecture on the "Groupe de travail" **Theorie Analytiques de Polynomes et Analyse Fourier**, Paris, France, February 2007, [28], [46, 47, 34].

Seminar Talk at the Universidad Complutense de Madrid, Madrid, Spain, December 2006, [46, 47, 34].

Journée Arithmetique, December 2006, Paris.

Lecture on the "Groupe de travail" **Theorie Analytiques de Polynomes et Analyse Fourier**, Paris, France, October 2006, [49], [48].

Workshop on Approximation Theory, Kiten, Bulgaria, September 2006, [53].

Pioneers of Bulgarian Mathematics, Sofia, Bulgaria, July 2006, [51].

Lecture series on the 5th**Summer School in Potential Theory**, Krakow, Poland, June 2006, [40, 41, 42, 38].

Harmonic Analysis and Related Problems - HARP 2006, Zaros, Crete, Greece, June 2006, [53].

Complex Functions and Fourier Analysis, Protaras, Cyprus, May 2006, [49], [48].

Function theory on infinite dimensional spaces IX, Madrid, Spain, December 2005 [40, 33, 41, 42, 38].

Seminar talk at the Universidad Autonoma de Madrid, Madrid, Spain, December 2005 [34], [47].

Interface between harmonic analysis and number theory, Marseille-Luminy, October 2005.

6th Conference on Multivariate Approximation, Bommerholz, Germany, September 2005 [34], [47].

Gyula Farkas Memorial Conference, Kolozsvár-Cluj, Romania, August 2005, [41, 38].

Partial Differential Equations and Harmonic Analysis, Kiel, Germany, July 2005 [43].

Computational Function Theory IV, Joensuu, Finland, June 2005, [49].

Fejér – Riesz Memorial Conference, Eger, Hungary, June 2005, [41, 38, 42].

Constructive Theory of Functions, Varna, Bulgaria, June 2005, [49].

Nikolsky-100, Moscow, May 2005, [31, 44, 45].

Colloquium Talk, University of Ekaterinburg, Ekaterinburg, May 2005, [43, 15]

Seminar Talk, Institute of Mathematics, Ural Branch of the Russian Academy of Sciences, Ekaterinburg, May 2005, [27, 28, 39, 36, 34].

Colloquium Talk, Institute of Mathematics and Informatics, Bulgarian Academy of Sciences, Sofia, Bulgaria, October 2004 [27, 28, 39, 36, 34].

Seminar Talk, University of Sofia, October 2004 [27, 28, 39, 36, 34].

Polynomial Inequalities, Sozopol, Bulgaria, September 2004 [36].

Pluripotential Theory & Applications, Banff, Canada, September 2004 [39, 34].

8$^{\text{th}}$ **El Escorial Conference on Harmonic Analysis** El Escorial–Madrid, Spain, June 2004 [45].

Functional Analysis and Approximation Theory, Acquafredda di Maratea, Italy, June 2004 [45].

Colloquium Talk at the Universidad Autonoma de Madrid, Madrid, Spain, March 2004, [44, 45].

Seminar Talk at the Universidad Complutense de Madrid, Madrid, Spain, March 2004, [27, 29, 30, 28, 32, 36, 34].

Function Theory on Infinite Dimensional Spaces VIII, Madrid, Spain, December 2003 [37, 40, 33].

First joint Meeting of the AMS and the Math. Soc. of Spain, Sevilla, Spain, June 2003 [32].

Colloquium Talk at the Universidad Autonoma de Madrid, Madrid, Spain, June 2003, [31, 44].

Seminar Talk at the Universidad Complutense de Madrid, Madrid, Spain, June 2003, [32].

Advances in Constructive Function Theory, Vanderbilt University, Nashville, TN, USA, May 2003, [31, 44].

Colloquium Talk at the University of North Carolina at Charlotte, Charlotte, NC, USA May 2003, [37, 40, 33].

Seminar Talk at the University of South Carolina at Columbia, Columbia, SC, USA, May 2003, [14, 15, 22].

Colloquium Talk at the University of Alabama at Auburn, Auburn, AL, USA, May 2003, [32].

Seminar Talk at the Georgia Institute of Technology, Atlanta, GA, USA, April 2003, [31, 44].

Conference on Functional Analysis,

Bedlewo, Poland, September 2002 [36].

Constructive Function Theory, Varna, Bulgaria, June 2002 [31].

International Conference on Harmonic Analysis and Aproximations II, Nor Amberd, Armenia, September 11-18, 2001 [28].

Convex Geometric Analysis
Anogia, Crete, Greece, August 18-23, 2001 [36].

Seminar Talks at the Mathematics Department of the
National Technical University of Athens, July and October, 2001 [28, 36].

Seminar Talks at the Mathematics Department of the
University of Crete in Heraklion, Heraklion, Crete, Greece,
July 5-6, 2001 [27, 28] & [14, 15].

Computational Methods and Function Theory 2001
Averio, Portugal, June 25-29, 2001 [30].

International Conference on Analysis and Applications,
Chennai (Madras), India, December 4-9, 2000 [27, 29, 30].

Functional Analysis and Approximation Theory,
Acquafredda di Maratea, Italy, September 2000 [29].

Approximation theory and function series,
Budapest, Hungary, August 1999 [29].

Computational Methods and Function Theory '97,
Nicosia, Ciprus, October 1997 [26].

Number Theory in Progress, Zakopane, Poland, July 1997 [26, 24].

Approximation Theory and Functional Analysis,
Acquafreda di Maratea, Italy, September 1996 [27].

Constructive Approximation and its Appl., Tel Aviv, Israel, May 1994 [26, 24].

Number Theory Seminar Talk at the
University of Illinois at Urbana–Champagne, Urbana, September 1993 [21].

Analysis Seminar Talk at the *Purdue University*,
West Lafayette, September 1993 [26, 24].

Conference in honour of Jean-Pierre Kahane,
Paris, France, July 1993 [26, 24].

Colloquium on elementary and analytic number theory,
Lillafüred, Hungary, June 1993 [21].

Second International Conference in Functional Analysis and Approximation Theory, Aquafredda di Maratea, Italy, September 1992 [18, 17, 24].

Colloquium Talk at the Number Theory Department of the
Mathematical Institute of the Polish Academy of Sciences,
Warsaw, Poland, March 1992 [21].

Approximation Theory and Function Spaces,
33rd Semester of the Banach Center, Warsaw, Poland, March 1992 [22].

Colloquium Talk at the Mathematics Department of the
University of North Carolina at Charlotte, January 1992 [14, 15, 22].

Conference on Constructive Function Theory,

Varna, Bulgaria, May 1991 [22].

Seventh Texas Symposium on Approximation Theory, Austin, Texas, January 1991.

Conference on Approximation Theory of the J. Bolyai Mathematical Society, Kecskemét, Hungary, August 1990 [18, 16, 17].

Colloquium Talk at the Analysis Department of the *Université Paris-Sud*, Orsay, France, October 1989 [21].

Symposium on Analytic Number Theory, Amalfi, Italy, September 1989 [21].

Colloquium Talk at the Department of Mathematics of the *University of Illinois at Urbana-Champagne*, April 1989 [15, 22].

Colloquium Talk at the Department of Mathematics of *Purdue University at West Lafayette*, April 1989 [15, 22].

Colloquium Talk at the Department of Mathematics of the *University of Louisville*, Kentucky, March 1989 [15, 22].

Southern California Functional Analysis Seminar, Los Angeles, March 1989 [15, 22].

Colloquium Talk at the Mathematics Department of the *California State University at Los Angeles*, Los Angeles, March 1989 [14, 15, 22].

Sixth Texas Symposium on Approximation Theory, College Station, Texas, January 1989 [6].

Western Number Theory Conference, Las Vegas, December 1988 [21].

Eleventh Summer Symposium on Real Analysis, Esztergom, Hungary, August 1987 [10, 12, 20].

Number Theory Conference of the J. Bolyai Mathematical Society of Hungary, Budapest, Hungary, July 1987 [9, 4].

Number Theory Conference of *Laval University*, Quebec, Canada, July 1987 [9, 11].

2nd International Workshop on Analysis and Applications, Dubrovnik–Kupari, Yugoslavia, June 1987 [14, 15].

Conference on Constructive Function Theory, Varna, Bulgaria, May 1987 [15].

Conference on Algebraic Number Theory, Kühlungsborn, Germany, November 1986 [9, 4].

3rd International Symposium on Functional Equations and Inequalities, Noszvaj, Hungary, September 1986 [10].

Conference on Constructive Function Theory-86, Edmonton, Canada, July 1986 [15].

6th Austro–Hungarian Number Theory Seminar, Vienna, Austria, May 1986 [9, 4].

Approximation Theory and Function Spaces, 27th Semester of the Banach Center, Warsaw, Poland, April 1986 [15].

3rd International Conference on Complex Analysis,
Varna, Bulgaria, May 1985 [31, 13].
5th Austro–Hungarian Number Theory Seminar,
Budapest, Hungary, November 1984 [31, 13].
4th Austro–Hungarian Number Theory Seminar,
Vienna, Austria, April 1984 [3].
2nd Austro–Hungarian Number Theory Seminar,
Vienna, Austria, April 1983 [2].

Several lectures given at *Research Seminars* of the Analysis Department of Eötvös University, of the Department of Number Theory, Complex Function Theory Department and Approximation Theory Department of the Mathematical Institute of the Hungarian Academy of Sciences – Alfréd Rényi Institute of Mathematics, of the Mathematics & Physics Department of GAMF College, and of the Mathematics Department of the Faculty of Mechanical Engineering of the Budapest University of Technology, from 1980 on.

COURSES TAUGHT IN HUNGARIAN

Numerical Analysis
Introductory Probability Theory and Statistics
Calculus
Real Analysis
Complex Function Theory
Introduction to Algebra and Number Theory
Complex Function Theory Problems (Pólya–Szegő, Problems and Exercises in Analysis)
Algebraic Number Theory (Landau, Einfuhrung ... Ideale)
Almost Periodic Functions (Besicovitch, Almost periodic functions, and
    Maak, Fastperiodische Funktionen)
Mean Periodic Functions (Kahane, Lectures on Mean-Periodic Functions)
Potential Theory (Helms: Introduction to Potential theory and
    Kellogg: Foundations of Potential Theory)

COURSES TAUGHT IN ENGLISH

Calculus (James Stewart, Calculus)
    MAT 102 at Kuwait University, 2012, 2013.
Linear Algebra (Kolman-Hill, Linear Algebra)
    MAT 111 at Kuwait University, 2012, 2013.
Real analysis (M. A. Al-Gwaiz, S. A. Elsanousi, Elements of Real Analysis)
    MAT 313 at Kuwait University, 2013.
Complex functions (Conway, Functions of One Complex Variable I),
    MAT 512 at Kuwait University, 2012.
Calculus of Variation (Lebedev-Cloud, Calculus of Variations and Optimal Control Theory),

MAT 470 at Kuwait University, 2012.

Complex function theory (Stein-Shakarchi, Complex analysis, and
Conway, Functions of One Complex Variable I),
Budapest Semesters In Mathematics, 2010.

Introduction to Number Theory (Nathanson, Introduction to Elementary Number Theory),
Budapest Semesters In Mathematics, 2003.

Topics in Number Theory (Niven–Zuckerman–Montgomery, Theory of Numbers, and
Apostol, Introduction to Analytic Number Theory),
Budapest Semesters In Mathematics, 2002 & 2003.

Introduction to Potential Theory (In the framework of the
First, Second and Third Summer Schools on Potential Theory)
Budapest, 2002, Szeged, 2003, & Kecskemét, 2004.

Calculus, (Anton Howard, Calculus), California State University at LA, 1989.

Advanced Calculus (Erwin Kreyszig, Advanced Engineering Mathematics),
California State University at LA, 1989.

ADVISING

Advisor of **János Dobi**, D.A. in Mathematics Education,
during his one year scholarship at the
Mathematical Institute of the Hungarian Academy of Sciences, 1991–92.

Faculty advisor of **Andrea Horváth** for writing her Masters Thesis
"*Generalization of periodicity and equivalent definitions of almost periodicity*",
Loránd Eötvös University of Budapest, 1986.

Consultant of **Kálmán Kovács** during his work on three research papers on
generalized periodicity and convergence of rearranged series representations, 1989-93.

Visiting consultant of **Vasilios Anagnostopoulos** and of **Alexandros Pappas** at
the National Technical University of Athens, Greece
during my Marie Curie Fellowship there, (cf. [40, 33]), 2001.

Scientific coordinator of **Lozko Milev** during his postdoctoral fellowship at the
A. Rényi Mathematical Institute in 2002-2003.

Scientific coordinator of **Bálint Farkas** during his postdoctoral fellowship at the
A. Rényi Mathematical Institute in 2003-2004.

Scientific coordinator of **Máté Matolcsi** during his postdoctoral fellowship at the
A. Rényi Mathematical Institute in 2003-2005.

Consultant of **Angel San-Antolín** at
Universidad Autonoma de Madrid, Spain, 2006
during his work on a research paper, also included in his PhD thesis, on
Equivalence of A-Approximate Continuity for Self-Adjoint Expansive Linear Maps.

Advisor of **Sándor Krenedits** writing his Ames Award winning research paper
S. KRENEDITS, *Three-term idempotent counterexamples in the Hardy-Littlewood majorant
problem*, J. Math. Anal. Appl., **388** (2012), 136-150.

Advisor (consultant) of **Sándor Krenedits** writing his PhD thesis

S. KRENEDITS, *Extremal problems–Fourier analysis*, 2014, 100 pages,
defended at the Budapest University of Technology and Economics in June, 2015.

Scientific coordinator of **Marcell Gaál** during his postdoctoral fellowship at the
A. Rényi Mathematical Institute in 2020.

AWARDS, PRIZES AND SCHOLARSHIPS

"Marie Curie Intra European Fellowship", (Category Experienced Researcher),
European Union, executed at the Institut Henri Poincaré, CNRS, Paris, France 2006-2007.

"J. Bolyai Research Scholarship" of the
Hungarian Academy of Sciences,   2002-2005.

"Marie Curie Fellowship" (Category 40, experienced researcher) of the
European Union, executed at the National Technical University of Athens, Greece   2001.

"Young Researchers' Award" of the Hungarian Acad. Sci.,   1993.

"K. Rényi Prize" of the J. Bolyai Mathematical Society,
1st degree (for excellence in research during university studies),   1982.

Award of the Council of the Scientific Association of Students at
Eötvös University for outstanding work in Mathematical Section,   1982.

1st **prize** at the Conference of the Scientific **Association of Students at
Eötvös University** (for research papers), three times   1980–1982.

1st **prize** in the Advanced Category of the Eötvös University's annual
"F. Riesz Memorial Competition in Mathematics",   1982.

MEMBERSHIPS

Organizing Committee, Chairman
Workshop on Harmonic and Functional Analysis
Alfréd Rényi Institute of Mathematics, Budapest, Hungary, November 2021.

Organizing Committee, Chairman
1st **Analysis Mathematica Conference**
Alfréd Rényi Institute of Mathematics, Budapest, Hungary, August 2019.

Organizing Committee, Chairman
6th **Workshop on Fourier Analysis and Related Fields**
University of Pécs, Pécs, Hungary, August 2017.

Organizing Committee, Member
5th **Workshop on Fourier Analysis and Related Fields**
A. Rényi Institute of Mathematics, Hungarian Acad. Sci., Budapest, August 2015.

Organizing Committee, Chairman
10th **Summer School in Potential Theory**,
A. Rényi Institute of Mathematics, Hungarian Acad. Sci., Budapest, August 2015.

Organizing Committee, Member

4$^{\text{th}}$ **Workshop on Fourier Analysis and Related Fields**
A. Rényi Institute of Mathematics, Hungarian Acad. Sci., Budapest, August 2013.
  Organizing Committee, Chairman
9$^{\text{th}}$ **Summer School in Potential Theory**, Nyíregyháza, Hungary, July 2010.
  Organizing Committee Secretary,
3$^{\text{rd}}$ **Workshop on Fourier Analysis and Related Fields**,
A. Rényi Institute of Mathematics, Hungarian Acad. Sci., Budapest, September 2009.
  Organizing Committee Chairman of the
8$^{\text{th}}$ **Summer School in Potential Theory**, Budapest, Hungary, July 2008.
  Organizing Committee Chairman of the
7$^{\text{th}}$ **Summer School in Potential Theory**, Baja, Hungary, June-July 2008.
  Organizing Committee Chairman,
2$^{\text{nd}}$ **Workshop on Fourier Analytic Extremal Problems and Approximation**,
A. Rényi Institute of Mathematics, Hungarian Acad. Sci., Budapest, September 2007.
  Organizing Committee co-Chairman of the
6$^{\text{th}}$ **Summer School in Potential Theory**, Univ. Kliment Ohridsky, Sofia, July 2007.
  Organizer of the **Groupe de Travail en "Theorie Analytique de Polynomes et Analyse Fourier"**, Institut Henri Poincaré, CNRS, Paris, October 2006 – February 2007.
  Organizing Committee co-Chairman of the 5$^{\text{th}}$ **Summer School in Potential Theory**, Yagiellonian University, Krakow, June–July 2006.
  Organizing Committee Chairman,
Workshop on Fourier Analytic Extremal Problems and Approximation,
A. Rényi Institute of Mathematics, Hungarian Acad. Sci., Budapest, September 2005.
  Organizing Committee Chairman of the 4$^{\text{th}}$ **Summer School in Potential Theory**, University of Debrecen, Debrecen, July 2005.
  Organizing Committee Chairman of the 3$^{\text{rd}}$ **Summer School in Potential Theory**, University of Kecskemét, Kecskemét, July 2004.
  Organizing Committee Chairman of the 2$^{\text{nd}}$ **Summer School in Potential Theory**, A. Rényi Institute of Mathematics & University of Szeged, Szeged, July 2003.
  Organizing Committee Chairman of the **Summer School in Potential Theory**, A. Rényi Institute of Mathematics, Budapest, August 2002.
  Member of the *Organizing Committee of the* **Analysis Workshop** of the Alfréd Rényi Mathematical Institute of the Hungarian Academy of Sciences, held at Budapest, June–July 2001.
  Secretary of the *Organizing Committee of the*
Analysis Workshop (Turán Conference Series V.) of the Alfréd Rényi Mathematical Institute of the Hungarian Academy of Sciences, held at Budapest, June 2000.
  Secretary of the *Organizing Committee of the*
Conference on Approximation Theory and Function Series
of the J. Bolyai Mathematical Society, held at Budapest, August 1995.
  Secretary of the *Organizing Committee of the*
Conference on Approximation Theory of the

J. Bolyai Mathematical Society, held at Kecskemét, August 1990.

J. Bolyai Mathematical Society of Hungary, since 1981.

Mathematical Society of Japan, 2003-2004

Société Mathématique de France, 2006-2007.

American Mathematical Society, 1994-1999, 2009-2010.

Jury of the 6th International Mathematics Competition of Czechoslovakia for university students, April 1986.

Jury of the "F. Riesz Memorial Competition in Mathematics", 1985–86 and 1986–87.

Jury of the State Mathematical Competition for High School Students, 1984–85, 1985–86, and 1986–87.

Chairman of the Program Committee of the Summer School in Number Theory (Scientific Association of Students at Eötvös University) in 1982.

Program Committee of the Summer School in Complex Function Theory (Scientific Association of Students at Eötvös University) in 1980.

Chairman of the Editorial Board of Mathematical Courier (the periodical of the Mathematical Section of the Scientific Association of Students at Eötvös University), 1979-1982.

LANGUAGE SKILLS

Hungarian (mother tongue),
English (fluent),
German (reading mathematical texts),
Russian (reading mathematical texts),
French (reading mathematical texts).

LIST OF PUBLICATIONS

[1] Sz. Gy. Révész. On the least prime in an arithmetic progression. *Studia Sci. Math. Hungar.*, 15(1-3):83–87, 1980.

[2] Sz. Gy. Révész. Irregularities in the distribution of prime ideals. I. *Studia Sci. Math. Hungar.*, 18(1):57–67, 1982.

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