Paul Erdős and his Mathematics
July 4-11, 1999, Budapest
Scientific and social programs

Detailed program
Table of lectures
Alphabetical listing

All programs will be held at the Main Building of the
Hungarian Academy of Sciences
1051, Roosevelt square 9

Sunday, 19:00pm: Welcome Party at the Academy

Where / Floor	Formal Hall Diszterem /1	Big Hall Nagyterem /2	Chamber Room Kisterem /2	Reading Room Felolvasó /1	Lecture Hall Elöadó/3
Monday July 5					
9:00- 9:30	**Opening:** Vera T. Sós, Aryeh Dvoretzky, László Lovász				
9:30-10:30	Béla Bollobás: From Prodigy to grand old man, the mathematical journey				
11:00-12:00	Noga Alon: Colorful aspects of the probabilistic method				
2:00-2:30	Wirsing	Szemerédi	Nesetril	Hayman	Cameron
2:40-3:10	Pintz	Reed	Faudree	Shektman	Pálfy
3:20-3:50	Heath-Brown	Mader	Schelp	Bojanov	Pyber
4:20-4:50	Maier	Katona	Prömel	Erdélyi	Shalev
5:00-5:30	Stewart	Győri	Kohayakawa	Szabados	Geo: Sharir
5:40-6:10	Hildebrand	Brown	Thomason	Mills	
Miniworkshop on Digital Expansion: Monday, Tuesday, org. by R. Tichy, see the program [B]					
Tuesday July 6					*N is a number: 8pm*
9:00-10:00	Peter Borwein: Paul Erdős and his work on polynomials				
10:30-11:30	Imre Z. Ruzsa: Erdős on addition of sequences				
2:00-2:30	Margulis	Kostochka	Lovász	Preiss	Kleitman
2:40-3:10	Katznelson	Gyárfás	Elekes	Totik	Székely
3:20-3:50	Schinzel	Bondy	Chazelle	Laczkovich	Voss
4:20-4:50	Győry	Toft	Bárány	Maharam Stone	Tuza
5:00-5:30	Tichy	Khachatrian		Prob: Taylor	Sudakov
Wednesday July 7					**Excursion** 4-7pm
9:00-10:00	Joel Spencer: Random Graphs, Sets and Tournaments				
10:30-11:30	S. Doron Lubinsky: Erdős on interpolation and orthogonal polynomials				
11:40-12:40	Peter D.T.A. Elliott: “Cast thy bread upon the waters...”, a personal view				
Thursday July 8					*Banquet: 7.30pm*
9:00-10:00	Ron L. Graham: Paul Erdős and Ramsey theory				
10:30-11:30	Miklós Simonovits: Extremal Graph Theory				
11:40-12:40	András Hajnal: Paul Erdős’ set theory				
2:30-3:00	Bergelson	Karonski	Sauer	Foreman	Welzl
3:10-3:40	Fürstenberg	Luczak	Trotter	Bartoszynski	Pach
3:50-4:20	Freiman	Häggkvist	Brightwell	M. E. Rudin	Tardos
4:50-5:20	Gowers	Molloy	Rosenstiehl	Kanamori	Makai
5:30-6:00	Tetali	Ruciński	Griggs	Laver	Fejes Tóth
Friday July 9					*EP & Teaching 4pm*
9:00-10:00	Carl Pomerance: Paul Erdős and special arithmetic functions				
10:30-11:30	Péter Komjáth: Erdős on infinite graphs				
2:00-2:30	Kubilius	Füredi	Linial	Kahane	Révész
2:40-3:10	Manstavicius	Chung	Pudlák	Korevaar	Lawler
3:20-3:50	Ivič	Lefmann	Turán	Mastroianni	Solomyak
4:20-4:50	Kátai	Aharoni	Kalai	Vértesi	Philipp
5:00-5:30	Deshouillers	Holzman	Valtr	Elbert	B. Tóth
Saturday July 10					⇑ Probab in Képes ⇑
9:00- 9:30	Nicolas	Halberstam	Frankl	Shelah	
9:40-10:10	Nathanson	Schönheim	Körner	Jech	
10:20-10:50	Alladi	Tijdeman	Simonyi	Larson	
11:20-11:50	Mauduit	Selfridge	Enomoto	Mitchell	
12:00-12:30	Komornik	Ahlswede		Todorčević	
12:45-13:30	George Szekeres: An old comrade looks back (Esther’s problem)				
Closing					
During the plenary sessions there will be special contributions from Yousef Alavi, Alan Baker, Ákos Császár, Richard K. Guy, Arthur H. Stone					

Scientific Program

Monday Morning, July 5

Opening Ceremony: Vera T. Sós, Aryeh Dvoretzky, László Lovász	9:00-9:30[D]
Béla Bollobás: From Prodigy to grand old man, the mathematical journey of Paul Erdős	9:30-10:30
Noga Alon: Colorful aspects of the probabilistic method	11:00-12:00

Monday Afternoon, July 5

Number Theory	Diszterem: Formal
E. Wirsing, (U. M. A. Vorhauer): On Sarnak's Rigidity Conjecture	2:00-2:30
J. Pintz: Oscillation theorems and probabilistic models for primes	2:40-3:10
D. R. Heath-Brown: The Largest Prime Factor of x^3+2	3:20-3:50
H. Maier: Small gaps in sequences of sifted prime numbers	4:20-4:50
C. L. Stewart: On intervals with few prime numbers	5:00-5:30
A. Hildebrand: Some problems of Erdős on consecutive integers	5:40-6:10

Combinatorics, Graph Theory	Nagyterem: Big
E. Szemerédi: On an old conjecture of Erdős	2:00-2:30
B. Reed: Mangoes and Blueberries	2:40-3:10
W. Mader: Topological minors in graphs of given average degree and large girth	3:20-3:50
G.O.H. Katona: Continuous versions of some extremal combinatorial problems	4:20-4:50
E. Győri: Extremal numbers on triangles	5:00-5:30
W. G. Brown, (Paul Erdős, M. Simonovits): Extremal multigraph and digraph problems	5:40-6:10

Ramsey Theory, Random Graphs	Kisterem: Small
J. Nesetril: Some Ramsey type results	2:00-2:30
R. J. Faudree: Generalized Ramsey Conjectures of Erdős	2:40-3:10
R. H. Schelp: Reflections on Work with Paul Erdős	3:20-3:50
H. J. Prömel: Ramsey's theorem, van der Waerden's result on arithmetic progressions, and a question of Erdős.	4:20-4:50
Y. Kohayakawa: The size-Ramsey numbers of graphs of bounded degree	5:00-5:30
A. Thomason: The simplest case of Ramsey's theorem	5:40-6:10

Analysis	Felolvasó: Reading
W. Hayman, (A. E. Eremenko): Erdős' conjecture on the length of lemniscates	2:00-2:30
B. Shektman: Polynomial Interpolation and Banach Spaces	2:40-3:10
B. Bojanov: Polynomial inequalities	3:20-3:50
T. Erdélyi: Markov-Bernstein Type Inequalities for Polynomials under Erdős-Type Constraints	4:20-4:50
J. Szabados: Markov–Bernstein type inequalities on compact subsets of $\mathbf{R}$	5:00-5:30
T. M. Mills, (S. J. Smith): Interpolation polynomials based on equidistant nodes, 1884–1999	5:40-6:10

Algebra	Előadó: Round
P. J. Cameron: Permutations	2:00-2:30
P. P. Pálfy: On the density of the set of orders of certain groups	2:40-3:10
L. Pyber: Stories about the symmetric groups	3:20-3:50
A. Shalev: On some problems of a statistical group theory	4:20-4:50
GEO: M. Sharir: On the k-Set Problem	5:00-5:30

[D] All plenary lectures are given in the Formal Hall = DISZTEREM

Tuesday Morning, July 6

Peter Borwein: Paul Erdős and his work on polynomials	9:00-10:00
Imre Z. Ruzsa: Erdős on addition of sequences	10:30-11:30

Tuesday Afternoon, July 6

Number Theory — Diszterem: Formal

G. Margulis: Recent progress in metric theory of Diophantine approximation	2:00-2:30
Y. Katznelson: Diophantine properties of finitely generated groups on the circle	2:40-3:10
A. Schinzel: Sums of unit fractions	3:20-3:50
K. Győry: On the number of solutions of Thue equations and Thue inequalities	4:20-4:50
R. Tichy: Combinatorial diophantine equations	5:00-5:30

Extremal Graph Theory — Nagyterem: Big

A. Kostochka: Small transversals in uniform hypergraphs	2:00-2:30
A. Gyárfás: Irregularity of line sizes and point degrees in linear spaces	2:40-3:10
J. A. Bondy: Paths and Circuits in Graphs	3:20-3:50
B. Toft: Critical graphs now and then	4:20-4:50
L. Khachatrian, (R. Ahlswede): Recent Intersection and Diametric Theorems	5:00-5:30

Geometry — Kisterem: Small

L. Lovász: Graphs and Geometry	2:00-2:30
Gy. Elekes: Homothetic subsets, non-traditional grids and polynomial combinatorics	2:40-3:10
B. Chazelle: The legacy of Paul Erdős in computational Geometry	3:20-3:50
I. Bárány: Sylvester's question: the probability that n points are in convex position	4:20-4:50

Analysis — Felolvasó: Reading

D. Preiss: Beautiful problems in analysis	2:00-2:30
V. Totik: Product of distances of points	2:40-3:10
M. Laczkovich: The difference property	3:20-3:50
D. Maharam Stone: Paul Erdős and Measure Theory	4:20-4:50
Probability: S. J. Taylor: Exceptional Branches on a Galton-Watson tree	5:00-5:30

Combinatorics, Graph Theory — Előadó: Round

D. Kleitman, (N. Alon, K. Berman): How many riffle shuffles are necessary to reach all possible hands	2:00-2:30
L. Székely: Erdős on unit distances and the Szemerédi-Trotter theorems	2:40-3:10
H.-J. Voss, (S. Jendrol): Light subgraphs of multigraphs embedded in compact 2-manifolds	3:20-3:50
Zs. Tuza: Some open problems in graph theory	4:20-4:50
B. Sudakov, (N. Alon): Non-bipartite graphs and the smallest eigenvalue	5:00-5:30

Special evening program: N is a Number, a protrait of Paul Erdős, a documentary film by G. P. Csicsery — 8:00pm

Wednesday Morning, July 7

Joel Spencer: Random Graphs, Sets and Tournaments	9:00-10:00
Doron S. Lubinsky: Erdős on interpolation and orthogonal polynomials	10:30-11:30
Peter D.T.A. Elliott: "Cast thy bread upon the waters...", a personal view of the mathematician Paul Erdős	11:40-12:40

Wednesday Afternoon: EXCURSION by boat, 16:00-19:00 (approx)

Thursday Morning, July 8

Ron L. Graham: Paul Erdős and Ramsey theory	9:00-10:00
Miklós Simonovits: Extremal Graph Theory	10:30-11:30
András Hajnal: Partition relation	11:40-12:40

Thursday Afternoon, July 8

Number Theory — Diszterem: Formal

V. Bergelson: Erdős and ergodic Ramsey theory	2:30-3:00
H. Fürstenberg: The Contribution of Combinatorial Number Theory to Ergodic Theory	3:10-3:40
G. Freiman: Additive problems of Erdős and Structure theory of set addition	3:50-4:20
T. Gowers: Arithmetic progressions in sparse sets	4:50-5:20
P. Tetali: Probabilistic construction of thin bases	5:30-6:00

Random Graph Theory — Nagyterem: Big

M. Karonski: The phase transition in a random hypergraph	2:30-3:00
T. Luczak: Small subgraphs of random graphs	3:10-3:40
R. Häggkvist: On the Ising model	3:50-4:20
M. Molloy, (Pittel): Cores in Random Graphs	4:50-5:20
A. Ruciński: On graphs with linear Ramsey numbers	5:30-6:00

Combinatorics — Kisterem: Small

N. Sauer: Partial orders associated with relational structures	2:30-3:00
W. T. Trotter: Random Methods for Partially Ordered Sets	3:10-3:40
G. Brightwell: Models of Random Partially Ordered Sets	3:50-4:20
P. Rosenstiehl, (H. Crapo and P. O. de Mendez): Permutation coding of maps on surfaces	4:50-5:20
J. Griggs: Concentrating Sums of Vectors	5:30-6:00

Set theory — Felolvasó: Reading

M. Foreman: Partition theorems on successor of singular cardinals	2:30-3:00
T. Bartoszynski: On the extensions of Erdős–Sierpiński Duality Theorem	3:10-3:40
M. E. Rudin, (S. Angenent): Compact Linearly Ordered Spaces	3:50-4:20
A. Kanamori: Does GCH imply AC locally?	4:50-5:20
R. Laver: Results and Problems	5:30-6:00

Geometry — Előadó: Round

E. Welzl: On j-facets and k-sets	2:30-3:00
J. Pach: Geometric Graph Theory	3:10-3:40
G. Tardos, (J. Pach): Separating convex sets with straight line cuts	3:50-4:20
E. Makai, (Paul Erdős, J. Pach, J. Spencer): On the distribution of the set of distances in finite plane point	4:50-5:20
G. Fejes Tóth: The Erdős-Szekeres Theorem Revisited	5:30-6:00

Conference Banquet: 7:30pm, Academy, Roosevelt square 9

Friday Morning, July 9

Carl Pomerance: Paul Erdős and special arithmetic functions	9:00-10:00
Péter Komjáth: Erdős on infinite graphs	10:30-11:30

Friday Afternoon, July 9

Number Theory — Diszterem: Formal

J. Kubilius: On the remainder term in the limit theorems for additive aritmetical functions	2:00-2:30
E. Manstavicius: Functional limit theorems in probabilistic number theory	2:40-3:10
A. Ivič: On certain large additive functions	3:20-3:50
I. Kátai: On the log(n) as an arithmetical function	4:20-4:50
J.-M. Deshouillers, (G. A. Freiman): A step beyond Kneser's theorem for finite abelian groups.	5:00-5:30

Hypergraphs — Nagyterem: Big

Z. Füredi: Turán type problems for hypergraphs, one of Paul Erdős' favorites	2:00-2:30
F.R.K. Chung: Turán Numbers for hypergraphs	2:40-3:10
H. Lefmann: Independent Sets in Hypergraphs and Applications	3:20-3:50
R. Aharoni: Hall's theorem for hypergraphs	4:20-4:50
R. Holzman: Cancellative Families and Cancellative Pairs: A Survey	5:00-5:30

Computer Science — Kisterem: Small

N. Linial: Low - distortion embeddings of finite metric spaces - How to find them and what they are good for	2:00-2:30
P. Pudlák: Cycles in low rank matrices	2:40-3:10
Gy. Turán, (Z. Füredi, R.H. Sloan, K. Takata): On set systems with a threshold property	3:20-3:50
G. Kalai, (I. Benjamini, O. Schramm): Noise Sensitivity, Concentration of Measure and First Passage Percolation	4:20-4:50
P. Valtr: Generalizations of Davenport–Schinzel Sequences	5:00-5:30

Analysis — Felolvasó: Reading

J.-P. Kahane: Almost surely everywhere	2:00-2:30
J. Korevaar: A Tauberian theorem of Erdős revisited	2:40-3:10
G. Mastroianni: Weighted Lagrange Interpolation	3:20-3:50
P. Vértesi: On a convergent interpolatory process of Erdős	4:20-4:50
Á. Elbert: Integral Equation to solve "An extremal problem" of Erdős	5:00-5:30

Probability — Képesterem: Picture

P. Révész, (Shi): An application of the Dvoretzky-Erdős-Taylor method in a problem of random scenery	2:00-2:30
G. Lawler: Exceptional points for paths of Brownian Motion and Random Walk	2:40-3:10
B. Solomyak: Infinite Bernoulli convolutions, 1939–99	3:20-3:50
W. Philipp: The profound impact of Paul Erdős on probability limit theory; a personal perspective	4:20-4:50
B. Tóth: On some questions of Erdős and Révész related to random walks	5:00-5:30

Special program: Paul Erdős and Teaching, (In Hungarian)	4:00pm

Saturday Morning, July 10

Partition

Diszterem: Formal

J. L. Nicolas: Statistical properties of partitions	9:00- 9:30
M. Nathanson: Inverse theorems for partition functions	9:40-10:10
K. Alladi: A variation on a theme of Sylvester - a smoother road to Gollitz' partition theorem	10:20-10:50
Chr. Mauduit: Arithmetic properties of integers with missing digits.	11:20-11:50
V. Komornik: On expansions in non-integer bases	12:00-12:30

Number Theory

Nagyterem: Big

H. Halberstam: Erdős and the Brunn Sieve	9:00- 9:30
J. Schönheim: The covering systems of congruences of Paul Erdős	9:40-10:10
R. Tijdeman: Fraenkel's conjecture for balanced sequences	10:20-10:50
J. H. Selfridge, (Paul Erdős, J. L. Malouf, E. Szekeres): Subsets of an interval whose product is a power	11:20-11:50
R. Ahlswede: Contributions to combinatorial Number Theory	12:00-12:30

Combinatorics, Graph Theory

Kisterem: Small

P. Frankl: Weighted Multiply intersection families	9:00- 9:30
J. Körner: String quartets in binary	9:40-10:10
G. Simonyi, (A. Sali): Effect of Orientation, coloring and capacities	10:20-10:50
H. Enomoto: Toughness, regular factors and $(k, s)-$factor criticality of a graph	11:20-11:50

Set Theory

Felolvasó: Reading

S. Shelah: On omitting cardinals in T_3 spaces	9:00- 9:30
T. Jech: Simple complete Boolean algebras	9:40-10:10
J. Larson: Erdős and ordinals:	10:20-10:50
W. Mitchell: Preserving Measurability	11:20-11:50
S. Todorčevič: TBA	12:00-12:30

George Szekeres: An old comrade looks back (Esther's problem) 12.45-13:30

Closing

Miniworkshop on Digital Expansion

organized by R. Tichy

Monday, July 5, 12:00-13:00:

12:00: **A. Sárközy**: On the arithmetic properties of integers characterized by digit properties.
12:30: **S. Porubsky**: On covering systems of integers.

Tuesday, July 6, 8:00-9:00:

8:00: **M. Drmota**: The parity of the sum-of-digits function of multiples of primes.
8:30: **V. Komornik**: Greedy, lazy and unique expansions.
11:30: **A. Pethő**: On ± 1-representations of integers.
12:00: **J. Schoissengeier**: Ostrowski expansion and the distribution of the $n\alpha$-sequence.
12:30: **S. Srinivasan**: An arithmetic inequality.

The location of the lectures :"Nagyterem" (Big Hall)

Special program: Friday, July 9, starting at 4 PM

"PAUL ERDŐS AND THE TEACHING OF MATHEMATICS"

This program will be conducted in Hungarian.

Paul Erdős always liked to deal with children (whom he called "epsilons" with affection). He regularly gave lectures to high shool and university students as well as to teachers; a lot of talented young people were oriented to research by him. This side of Paul Erdős will be remembered by a few of his students:

L. Lovász,
L. Pósa,
I. Z. Ruzsa.

In the course of this some of his favourite problems will also be mentioned. His personality will also be recalled by a video tape.

Location:

The Hungarian Academy of Sciences (Roosevelt sqr 9), Formal Hall (Diszterem)

Alphabetic List of Speakers and their Lectures

Opening Ceremony: Vera T. Sós, Aryeh Dvoretzky, László Lovász — Mon 9:00-9:30 (A-1)
R. Aharoni: Hall's theorem for hypergraphs — Fri, 4:20-4:50 [B:4]
R. Ahlswede: Contributions to combinatorial Number Theory — Sat12:00-12:30 [B:5]
K. Alladi: A variation on a theme of Sylvester - a smoother road to Gollitz' partition theorem — Sat 10:20-10:50 [A:3]
N. Alon: Colorful aspects of the probabilistic method — Mon 11:00-12:00 (A-3)
T. Bartoszynski: On the extensions of Erdős–Sierpiński Duality Theorem — Thu 3:10-3:40 [D:2]
I. Bárány: Sylvester's question: the probability that n points are in convex position — Tue 4:20-4:50 [C:4]
V. Bergelson: Erdős and ergodic Ramsey theory — Thu 2:30-3:00 [A:1]
B. Bojanov: Polynomial inequalities — Mon 3:20-3:50 [D:3]
B. Bollobás: From Prodigy to grand old man, the mathematical journey of Paul Erdős — Mon 9:30-10:30 (A-2)
A. J. Bondy: Paths and Circuits in Graphs — Tue 3:20-3:50 [B:3]
P. Borwein: Paul Erdős and his work on polynomials — Tue 9:00-10:00 (A-1)
G. Brightwell: Models of Random Partially Ordered Sets — Thu 3:50-4:20 [C:3]
W. G. Brown, (Paul Erdős, M. Simonovits): Extremal multigraph and digraph problems — Mon 5:40-6:10 (B:6)
P. J. Cameron: Permutations — Mon 2:00-2:30 [E:1]
B. Chazelle: The legacy of Paul Erdős in computational Geometry — Tue 3:20-3:50 [C:3]
F. R. K. Chung: Turán numbers for hypergraphs // — Fri 2:40-3:10 [B:2]
J.-M. Deshouillers, (G. A. Freiman): A step beyond Kneser's theorem for finite abelian groups — Fri 5:00-5:30 [A:5]
M. Drmota: The parity of the sum-of-digits function of multiples of primes. — Workshop, Tue 8:00, [B]
Á. Elbert: Integral Equation to solve "An extremal problem" of Erdős — Fri 5:00-5:30 [D:5]
Gy. Elekes: Homothetic subsets, non-traditional grids and polynomial combinatorics — Tue 2:40-3:10 [C:2]
P. D. T. A. Elliott: "Cast thy bread upon the waters...", a personal view of the mathematician Paul Erdős — Wed 11:40-12:40 (A-3)
H. Enomoto: Toughness, regular factors and (k, s)–factor criticality of a graph — Sat 11:20-11:50 [C:4]
T. Erdélyi: Markov-Bernstein Type Inequalities for Polynomials under Erdős-Type Constraints — Mon 4:20-4:50 [D:4]
J. Faudree: Generalized Ramsey Conjectures of Erdős — Mon 2:40-3:10 [C:2]
G. Fejes Tóth: The Erdős-Szekeres Theorem Revisited — Thu 5:30-6:00 [E:5]
M. Foreman: Partition theorems on successor of singular cardinals — Thu 2:30-3:00 [D:1]
P. Frankl: Weighted Multiply intersection families — Sat 9:00-9:30 [C:1]
G. Freiman: Additive problems of Erdős and Structure theory of set addition — Thu 3:50-4:20 [A:3]
Z. Füredi: Turán type problems for hypergraphs, one of Paul Erdős' favorites — Fri 2:00-2:30 [B:1]
H. Fürstenberg: The Contribution of Combinatorial Number Theory to Ergodic Theory — Thu 3:10-3:40 [A:2]
T. Gowers: Arithmetic progressions in sparse sets — Thu 4:50-5:20 [A:4]
L. Graham: Paul Erdős and Ramsey theory — Thu 9:00-10:00 (A-1)
J. Griggs: Concentrating Sums of Vectors — Sat 5:30- 6:00 [C:2]
A. Gyárfás: Irregularity of line sizes and point degrees in linear spaces — Tue 2:40-3:10 [B:2]
E. Győri: Extremal numbers on triangles — Mon 5:00-5:30 [B:5]
K. Győry: On the number of solutions of Thue equations and Thue inequalities — Tue 4:20-4:50 [A:4]
A. Hajnal: Paul Erdős' set theory — Thu 11:40-12:40 (A-3)
H. Halberstam: Erdős and the Brunn Sieve — Sat 9:00- 9:30 [B:1]
W. Hayman, (A. E. Eremenko): Erdős' conjecture on the length of lemniscates — Mon 2:00-2:30 [D:1]
R. Häggkvist: On the Ising model — Thu 3:50-4:20 [B:3]
R. Heath-Brown: The Largest Prime Factor of $x^3 + 2$ — Mon 3:20-3:50 [A:3]
A. Hildebrand: Some problems of Erdős on consecutive integers — Mon 5:40-6:10 [A:6]
R. Holzman: Cancellative Families and Cancellative Pairs: A Survey — Fri 5:00-5:30 [B:5]
A. Ivič: On certain large additive functions — Fri 3:20-3:50 [A:3]
T. Jech: Simple complete Boolean algebras — Sat 9:40-10:10 [D:2]
J.-P. Kahane: Almost surely everywhere — Fri 2:00-2:30 [D:1]

G. Kalai, (I. Benjamini, O. Schramm): Noise Sensitivity, Concentration of Measure and First Passage Percolation Fri 4:20-4:50 [C:4]
A. Kanamori: Does GCH imply AC locally? Thu 4:50-5:20 [D:4]
M. Karonski: The phase transition in a random hypergraph Thu 2:30-3:00 [B:1]
G.O.H. Katona: Continuous versions of some extremal combinatorial problems Mon 4:20-4:50 [B:4]
Y. Katznelson: Diophantine properties of finitely generated groups on the circle Tue 2:40-3:10 [A:2]
L. Khachatrian, (R. Ahlswede): Recent Intersection and Diametric Theorems Tue 5:00-5:30 [B:5]
D. Kleitman, (N. Alon, K. Berman): How many riffle shuffles are necessary to... Tue 2:00-2:30 [E:1]
Y. Kohayakawa: The size-Ramsey numbers of graphs of bounded degree Mon 5:00-5:30 [C:5]
P. Komjáth: Erdős on infinite graphs Fri 10:30-11:30 (A-2)
V. Komornik: On expansions in non-integer bases Sat 12:00-12:30 [A:5]
V. Komornik: Greedy, lazy and unique expansions. Workshop, Tue 8:30 [B]
J. Korevaar: A Tauberian theorem of Erdős revisited Fri 2:40-3:10 [D:2]
A. Kostochka: Small transversals in uniform hypergraphs Tue 2:00-2:30 [B:1]
J. Körner: String quartets in binary Sat 9:40-10:10 [C:2]
J. Kubilius: On the remainder term in the limit theorems for additive... Fri 2:00-2:30 [A:1]
I. Kátai: On the log(n) as an arithmetical function Fri 4:20-4:50 [A:4]
M. Laczkovich: The difference property Tue 3:20-3:50 [D:3]
J. Larson: Erdős and ordinals: Sat 10:20-10:50 [D:3]
R. Laver: Results and Problems Thu 5:30-6:00 [D:5]
G. Lawler: Exceptional points for paths of Brownian Motion and Random Walk Fri 2:40-3:10 [F:2]
H. Lefmann: Independent Sets in Hypergraphs and Applications Fri 3:20-3:50 [B:3]
N. Linial: Low - distortion embeddings of finite metric spaces - How to find them and what they are good for Fri 2:00-2:30 [C:1]
L. Lovász: Graphs and Geometry Tue 2:00-2:30 [C:1]
S. D. Lubinsky: Erdős on interpolation and orthogonal polynomials Wed 10:30-11:30 (A-2)
T. Luczak: Small subgraphs of random graphs Thu 3:10-3:40 [B:2]
W. Mader: Topological minors in graphs of given average degree and large girth Mon 3:20-3:50 [B:3]
D. Maharam Stone: Paul Erdős and Measure Theory Tue 4:20-4:50 [D:4]
H. Maier: Small gaps in sequences of sifted prime numbers Mon 4:20-4:50 [A:4]
E. Makai, (Paul Erdős, J. Pach, J. Spencer): On the distribution of the set... Thu 4:50-5:20 [E:4]
E. Manstavicius: Functional limit theorems in probabilistic number theory Fri 2:40-3:10 [A:2]
G. Margulis: Recent progress in metric theory of Diophantine approximation Tue 2:00-2:30 [A:1]
G. Mastroianni: Weighted Lagrange Interpolation Fri 3:20-3:50 [D:3]
Chr. Mauduit: Arithmetic properties of integers with missing digits. Sat 11:20-11:50 [A:4]
M. Mills, (S. J. Smith): Interpolation polynomials based on equidistant nodes,... Mon 5:40-6:10 [D:6]
W. Mitchell: Preserving Measurability Sat 11:20-11:50 [D:4]
M. Molloy, (Pittel): Cores in Random Graphs Thu 4:50-5:20 [B:4]
M. Nathanson: Inverse theorems for partition functions Sat 9:40-10:10 [A:2]
J. Nesetril: Some Ramsey type results Mon 2:00-2:30 [C:1]
L. Nicolas: Statistical properties of partitions Sat 9:00-9:30 [A:1]
J. Pach: Geometric Graph Theory Thu 3:10-3:40 [E:2]
A. Pethő: On ± 1-representations of integers. Workshop, Tue 11:30 [B]
W. Philipp: The profound impact of Paul Erdős on probability limit theory; a personal perspective ... Fri 4:20-4:50 [F:4]
J. Pintz: Oscillation theorems and probabilistic models for primes Mon 2:40-3:10 [A:2]
C. Pomerance: Paul Erdős and special arithmetic functions Fri 9:00-10:00 (A-1)
S. Porubsky: On covering systems of integers. Workshop: Mon 12:30 [B]
D. Preiss: Beautiful problems in analysis Tue 2:00-2:30 [D:1]
J. Prömel: Ramsey's theorem, van der Waerden's result on arithmetic progressions and a question of Erdős Mon 4:20-4:50 [C:4]
P. Pudlák: Cycles in low rank matrices Fri 2:40-3:10 [C:2]
L. Pyber: Stories about the symmetric groups Mon 3:20-3:50 [E:3]
P. Pálfy: On the density of the set of orders of certain groups Mon 2:40-3:10 [E:2]
B. Reed: Mangoes and Blueberries Mon 2:40-3:10 [B:2]

P. Révész, (Shi): An application of the Dvoretzky-Erdős-Taylor method in a problem of random scenery — Fri 2:00-2:30 [F:1]
P. Rosenstiehl, (H. Crapo and P. O. de Mendez): Permutation coding of maps on surfaces — Thu 4:50-5:20 [C:4]
A. Ruciński: On graphs with linear Ramsey numbers — Thu 5:30-6:00 [B:5]
E. Rudin, (S. Angenent): Compact Linearly Ordered Spaces — Thu 3:50-4:20 [D:3]
Z. Ruzsa: Erdős on addition of sequences — Tue 10:30-11:30 (A-2)
N. Sauer: Partial orders associated with relational structures — Thu 2:30-3:00 [C:1]
A. Sárközy: On the arithmetic properties of integers characterized by... — Workshop, Mon 12:00 [B]
H. Schelp: Reflections on Work with Paul Erdős — Mon 3:20-3:50 [C:3]
A. Schinzel: Sums of unit fractions — Tue 3:20-3:50 [A:3]
J. Schoissengeier: Ostrowski expansion and the distribution of the... — Workshop, Tue 12:00 [B]
J. Schönheim: The covering systems of congruences of Paul Erdős — Sat 9:40-10:10 [B:2]
H. Selfridge, (Paul Erdős, J. L. Malouf, E. Szekeres): Subsets of an interval whose product is a power — Sat 11:20-11:50 [B:4]
A. Shalev: On some problems of a statistical group theory — Mon 4:20-4:50 [E:4]
M. Sharir: On the k-Set Problem — Mon 5:00-5:30 [E:6]*
B. Shektman: Polynomial Interpolation and Banach Spaces — Mon 2:40-3:10 [D:2]
S. Shelah: On omitting cardinals in T_3 spaces — Sat 9:00-9:30 [D:1]
M. Simonovits: Extremal Graph Theory — Thu 10:30-11:30 (A-2)
G. Simonyi, (A. Sali): Effect of Orientation, coloring and capacities — Sat 10:20-10:50 [C:3]
B. Solomyak: Infinite Bernoulli convolutions, 1939–99 — Fri 3:20-3:50 [F:3]
J. Spencer: Random Graphs, Sets and Tournaments — Wed 9:00-10:00 (A-1)
S. Srinivasan: An arithmetic inequality. — Workshop, Tue 12:30 [B]
L. Stewart: On intervals with few prime numbers — Mon 5:00-5:30 [A:5]
B. Sudakov, (N. Alon): Non-bipartite graphs and the smallest eigenvalue — Tue 5:00-5:30 [E:5]
J. Szabados: Markov–Bernstein type inequalities on compact subsets of $\mathbf{R}$ — Mon 5:00-5:30 [D:5]
G. Szekeres: An old comrade looks back (Esther's problem) — Sat 12.45-13:30 (A-6)
E. Szemerédi: On an old conjecture of Erdős — Mon 2:00-2:30 [B:1]
L. Székely: Erdős on unit distances and the Szemerédi-Trotter theorems — Tue 2:40-3:10 [E:2]
G. Tardos, (J. Pach): Separating convex sets with straight line cuts — Thu 3:50-4:20 [E:3]
J. Taylor: Exceptional Branches on a Galton-Watson tree — Tue 5:00-5:30 [D:5]
P. Tetali: Probabilistic construction of thin bases — Thu 5:30-6:00 [A:5]
A. Thomason: The simplest case of Ramsey's theorem — Mon 5:40-6:10 [C:6]
R. Tichy: Combinatorial diophantine equations — Tue 5:00-5:30 [A:5]
R. Tijdeman: Fraenkel's conjecture for balanced sequences — Sat 10:20-10:50 [B:3]
S. Todorcevic: TBA — Sat 12:00-12:30 [D:5]
B. Toft: Critical graphs now and then — Tue 4:20-4:50 [B:4]
V. Totik: Product of distances of points — Tue 2:40-3:10 [D:2]
B. Tóth: On some questions of Erdős and Révész related to random walks — Fri 5:00-5:30 [F:5]
T. Trotter: Random Methods for Partially Ordered Sets — Thu 3:10-3:40 [C:2]
Gy. Turán, (Z. Füredi, R.H. Sloan, K. Takata): On set systems with a threshold property — Fri 3:20-3:50 [C:3]
Zs. Tuza: Some open problems in graph theory — Tue 4:20-4:50 [E:4]
P. Valtr: Generalizations of Davenport–Schinzel Sequences — Fri 5:00-5:30 [C:5]
P. Vértesi: On a convergent interpolatory process of Erdős — Fri 4:20-4:50 [D:4]
H.-J. Voss, (S. Jendrol): Light subgraphs of multigraphs embedded in compact 2-manifolds — Tue 3:20-3:50 [E:3]
E. Welzl: On j-facets and k-sets — Thu 2:30-3:00 [E:1]
E. Wirsing, (U. M. A. Vorhauer): On Sarnak's Rigidity Conjecture — Mon 2:00-2:30 [A:1]
T. Luczak: Small subgraphs of random graphs — Thu 3:10-3:40 [B:2]