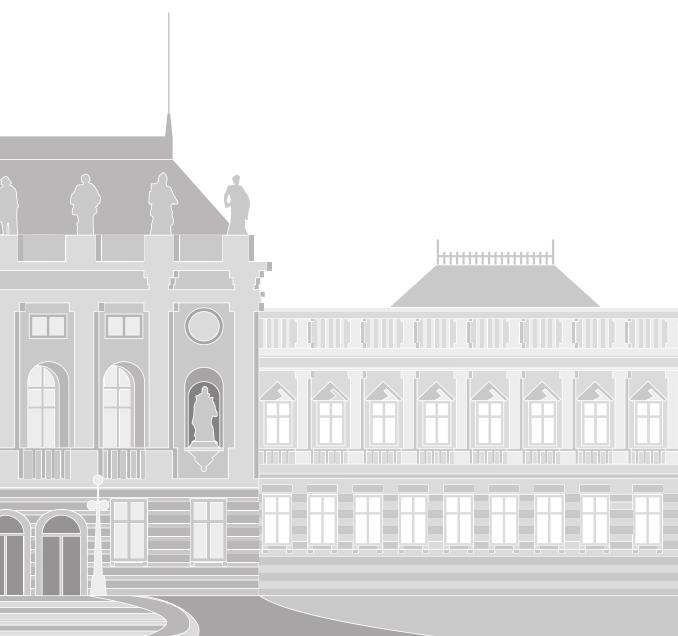




Combinatorial and Additive Number Theory 2016

Schedule

January 4-8, 2016
Graz, Austria



Monday

- 9:00 M. DeVos
On the structure of very small product sets
- 10:00 —— Coffee break ——
- 10:30 M. B. Nathanson
Sums of sets of lattice points
- 11:00 J. R. Schmitt
On Zeros of a Polynomial in a Finite Grid: the Alon-Füredi Bound
- 11:30 G. Petridis
Translated Dot Products in Finite Fields
- 12:00 —— Lunch break ——
- 14:00 P. P. Pach
On some Multiplicative Problems of Erdős
- 14:30 I. Vyugin
Solutions of polynomial equation over \mathbb{F}_p , and new bounds of energy of multiplicative subgroups
- 15:00 S. Saad Eddin
An effective van der Corput inequality
- 15:30 —— Coffee break ——
- 16:00 S. Tringali
Upper densities and Darboux properties
- 16:30 L. L. Cristea
On some properties of the generalised multinomial measure
- 17:00 P. Baginski
Elasticity in Arithmetic Congruence Monoids
- 17:30 _____

Tuesday

- 9:00 P. Yuan
Unsplittable minimal zero-sum sequences over C_n
- 10:00 —— Coffee break ——
- 10:30 B. Bajnok
Open Problems About Sumsets in Finite Abelian Groups
- 11:00 Y. Li
Long zero-sum free sequences and n -zero-sum free sequences over finite cyclic groups
- 11:30 E. Szemerédi
Maximum Size of a Set of Integers with no Two adding up to a Square
- 12:00 —— Lunch break ——
- 14:00 W. A. Schmid
Characteristic Sets of Lengths
- 15:00 K. Cziszter
Connections between zero-sum theory and invariant theory
- 15:30 —— Coffee break ——
- 16:00 S. D. Adhikari
Some classical Ramsey-type theorems: Early and recent applications
- 16:30 A. Montejano
The use of additive tools in solving arithmetic anti-Ramsey problems
- 17:00 M. Huicochea
An inverse theorem in \mathbb{F}_p and rainbow free colorings
- 17:30 _____
- 19:00 Reception by the Governor of Styria in the state-rooms of Graz Burg, Hofgasse 15

	Wednesday	Thursday	Friday
9:00	I. Z. Ruzsa More differences than multiple sums	9:00 A. Plagne The Davenport constant of a box	9:00 V. Lev Some Problems in Combinatorial Number Theory
10:00	———— Coffee break ———	10:00 ————— Coffee break ———	10:00 ————— Coffee break ———
10:30	G. Bhowmik Upper Bounds for the Davenport's Constant	10:30 J.-C. Schlage-Puchta Subgroup growth of pro- p groups and additive combinatorics	10:30 F. Hennecart Expanders and good distribution in \mathbf{F}_p
11:00	Y.-G. Chen On a conjecture of Sárközy and Szemerédi	11:00 G. Károlyi Long arithmetic progressions in subset sums and a conjecture of Alon	11:00 D. Zhelezov Discrete spheres and arithmetic progressions in product sets
11:30	O. Roche-Newton Structural sum-product problems	11:30 P. Candela Rokhlin's lemma, a generalization, and combinatorial applications	11:30 N. Hegyvári Character sum estimations for various problems in combinatorial number theory
12:00	———— Lunch break ———	12:00 ————— Lunch break ———	12:00 Y. V. Stanchescu On the structure of sets with a small doubling property in torsion free groups
14:00	Z.-W. Sun Some new problems and results in combinatorial and additive number theory	14:00 D. J. Grynkiewicz The Freiman $3k - 4$ Theorem	12:30 —————
14:30	Ch. Aistleitner Pair correlations and additive energy	15:00 V. Beck Additive combinatorics methods in associative algebras	
15:00	I. Martinjak Bijective Proof of Extensions of the Sury's Identity	15:30 ————— Coffee break ———	
15:30	———— Coffee break ———	16:00 X. Zeng The characterization of minimal zero-sum sequences over finite cyclic groups	
16:00	Ch. Elsholtz Second order differences between primes, for thin (but not too thin) sequences of primes	16:30 A. Bagdasaryan A contribution to zero-sum problem with some applications	
16:30	S. Saito Mertens' theorems for Galois extensions	17:00 H. L. Geleta Fractional Hypergeometric Zeta Functions	
17:00	C. M. da Fonseca An integral formula for a finite sum of inverse powers of cosines	17:30 —————	
17:30	————		