

Monday

7:00-8:45 Breakfast

8:45-9:00 Introduction and Welcome to BIRS by BIRS Station Manager

09:00-09:30 Jacob Fox

"Chromatic number, clique subdivisions, and the conjectures of Hajos and ErdHos-Fajtlowicz"

09:35-10:05 Dhruv Mubayi

"Eigenvalues and Quasirandomness in Hypergraphs"

10:05-10:35 coffee break

10:35-11:05 Eayl Lubetzky

"Random Triangle Removal"

11:10-11:40 Choongbum Lee

"Cycles in random subgraphs of graphs"

11:40-13:00 lunch

13:50 group photo

14:00-14:30 David Conlon

"On the KLR conjecture in random graphs"

14:35-15:05 Po-Shen Loh

"The Ramsey-Turan problem"

15:05-15:35 coffee break

15:35-16:05 Shagnik Das

"Rainbow Turan Problems"

16:15-16:45 Lutz Warnke

"The evolution of Achlioptas processes"

16:55-17:25 Sasha Kostochka

"Color-critical  $n$ -vertex graphs with fewest edges"

Tuesday

7:00-9:00 Breakfast

09:00-09:30 Asaf Shapira

"Ramsey-Theory, Integer Partitions and a New Proof of The Erdos-Szekeres Theorem"

09:35-10:05 Hao Huang

"Extremal problems in Eulerian digraphs"

10:05-10:35 coffee break

10:35-11:05 Bruce Reed

"Proof of Ohbas Conjecture"

11:10-11:40 Jacques Verstraete

"On a conjecture of Erdos and Simonovits"

12:00-13:00 lunch

Wednesday

7:00-9:00 Breakfast

09:00-09:30 Ehud Freidgut

"Stable juntas in the symmetric group I"

09:35-10:05 Raphy Yuster

"The Turan number of sparse spanning graphs"

10:05-10:35 coffee break

10:35-11:05 Zoltan Furedi

"2-cancellative codes, an algebraic construction for a hypergraph Turan problem"

11:10-11:40 Humberto Naves

"Densities of cliques and independent sets in graphs"

12:00-13:00 lunch

Thursday

7:00-9:00 Breakfast

09:00-09:30 Nati Linial

"What are higher-dimensional permutations and how many are they?"

09:35-10:05 Heidi Gebauer

"Constructing a Non-Two-Colorable Hypergraph with Few Edges"

10:05-10:35 coffee break

10:35-11:05 Jie Ma "A problem of Erdos on the minimal number of  $k$ -cliques"

11:10-11:40 Danny Hefetz

"Lagrangians of intersecting families and Tur'an numbers of hypergraphs"

12:00-13:30 lunch

14:00-14:30 Jozsef Balogh

"Independent sets in hypergraphs"

14:35-15:05 Tom Bohman

"Self-correcting estimates for the triangle-free process"

15:05-15:35 coffee break

15:35-16:05 David Ellis

"Stable juntas in the symmetric group II"

16:15-16:45 Oleg Pikhurko

"Asymptotic structure of graphs with the minimum number of triangles"