Schedule of Conference Activities: Day 1

Thursday, March 27, 2014

9:00am Registration and Continental breakfast, Ballroom C

Session I

University Center, Ballroom B/C

Chairman: Béla Bollobás

10:30am More Surprises from Planar Posets .................... William T. Trotter
11:15am Subcritical Bootstrap Percolation ...................... Paul Balister
12:00am Recurrence of planar graph limits ...................... Asaf Nachmias

12:45pm Reception and Poster Session

Session II

University Center, Ballroom B/C

Chairman: William T. Trotter

2:15pm Cloud Computing – The Paradigm Shift ............... Alice Hubenko
3:00pm Counting connected hypergraphs via the probabilistic method

................................................................. Oliver Riordan
3:45pm Conference Photo and Coffee Break
4:30pm Recent Progress in Partition Regularity ............... Imre Leader
5:15pm Quasirandom groups and ergodic Ramsey theory ...... Vitaly Bergelson

Schedule of Conference Activities: Day 2

Friday, March 28, 2014

Session III

University Center, Ballroom B/C

Chairman: Paul Balister

9:30am Polynomials vanishing on grids: The Elekes–Ronyai problem revisited

................................................................. József Solymosi
10:15am Using Stein Couplings for the Study of Fringe Trees ... Cecilia Holmgren
11:00am Coffee Break
11:30am Hamiltonian increasing paths in random edge orderings .......... Po-Shen Loh
12:15pm On the typical structure of sum-free sets ...................... József Balogh

1:00pm Lunch (See insert for local dining options)

Session IV
University Center, Ballroom B/C
Chairman: Ramarathnam Venkatesen
2:30pm Symmetric chains in quotients of Boolean lattices ............. Dwight Duffus
3:15pm On Tsallis’ prediction for the bond percolation threshold of the kagome lattice ......................................... John C. Wierman

4:00pm Coffee Break and Poster Session

The 2014 Erdős Lecture
4:30pm Recent progress on Prime Numbers and Sieves ............. Enrico Bombieri

7:30pm After dinner drinks in the home of Béla and Gabriella Bollobás:
1644 Neshoba Trace Cove, Germantown, TN 38138

Schedule of Conference Activities: Day 3
Saturday, March 29, 2014

Session V
University Center, River Room
Chairman: Paul Balister
9:30am Large deviations in random graphs: revisiting the infamous upper tail ......................................................... Eyal Lubetzky
10:15am Random differences of arithmetic progressions in sets of positive density ................................................................. Máté Wierdl
11:00am Coffee Break
11:30am Counting matchings .................................................. Jamie Radcliffe
12:15pm Towards Rigorous Factoring of Random Semi-primes .......... Ramarathnam Venkatesan

1:00pm Lunch (See insert for local dining options)
[Session VI]
University Center, River Room

Chairman: Ralph Faudree
3:00pm Predictive Analytics, Choice Architecture and Bespoke Education

3:45pm On Chorded Cycles

4:30pm A Problem on Sums of Two Squares

6:00pm Party in the home of Ralph and Patricia Faudree:
5370 Normandy, Memphis, TN

Schedule of Conference Activities: Day 4
Research Student’s Day: Sunday, March 30, 2014

Organizers:
Richard Johnson, Tomas Juskevicius and Stephen Smith

[Session VII]
Dunn Hall, Room 233

Chairman: Richard Johnson
10:00am Disjoint Subgraphs of the Same Size

11:00am Coffee Break
11:30am On Chorded Cycles

12:00pm On High Dimensional Classification for Sparse Signals

12:30pm On an Open Problem of Paul Erdős: The Number of Maximal Triangle-free Graphs on n Vertices

1:00pm Lunch

[Session VIII]
Dunn Hall, Room 233

Chairman: Stephen Smith
2:00pm The Robber Locating Game

.................................................. Richard Johnson
2:30pm  On the Littlewood-Offord problem and Sperner type theorems for multisets
........................................................................................................... Tomas Juškevičius

3:00pm  Linkedness and Path-Pairability in Graphs
........................................................................................................... Gábor Mészáros

3:30pm  Coffee Break

4:00pm  Running Time of Graph Bootstrap Percolation
........................................................................................................... Sebastian Koch

4:30pm  Separating Path Systems
........................................................................................................... Shoham Letzter

5:00pm  Line Percolation
........................................................................................................... Jonathan Lee