

Workshop on Combinatorics, Enumeration, and Invariant Theory (WCEIT)¹

March 19 – 20, 2010

George Mason University, Fairfax, Virginia

Schedule of Invited Talks and Events

All talks are in Science & Tech I (ST – I), room 242

FRIDAY, March 19

8:30 – 8:55	Registration, coffee and pastries. Outside room ST – I, 242
8:55 – 9:00	Welcoming words from the Department Chair Stephen Saperstone
9:00 – 10:30	<u>Session I</u>
9:00 – 9:40	Seth Sullivant – North Carolina State University <i>Identifiable Gaussian Graphical Models</i>
9:45 – 10:25	Bruce Sagan – Michigan State University/National Science Foundation <i>Combinatorial and colorful proofs of cyclic sieving phenomena</i>
10:30 – 11:00	Coffee break
11:00 – 11:50	<u>Plenary talk I</u>
	Victor Reiner – University of Minnesota <i>Cyclic actions and invariant theory</i>
12:00 – 1:30	Lunch
1:30 – 3:45	<u>Session II</u>
1:30 – 2:10	Robert W. Robinson – The University of Georgia <i>Algebraic Methods for Faster Enumeration of Unrooted Planar Maps</i>
2:15 – 2:55	Joseph E. Bonin – The George Washington University <i>Cyclic Flats, Sticky Matroids, and Intertwiners</i>
3:00 – 3:40	Alexander Burstein – Howard University <i>Distribution of some combinatorial statistics on old and new Dumont permutations</i>
3:45 – 4:15	Coffee Break

¹Supported in part by a grant from the Office of Naval Research (ONR) <http://www.onr.navy.mil/>

4:15 – 5:45 Session III

4:15 – 4:55 Ezra Miller – Duke University
Lattice point methods for combinatorial games

5:00 – 5:40 T. S. Michael – U. S. Naval Academy
Art Galleries and Roller Coasters

6:30 – ish Joint dinner @ Minerva Indian Cuisine - Fairfax, VA.

SATURDAY, March 20

8:30 – 9:00 Registration, coffee and pastries. Outside room ST - I, 242

9:00 – 10:30 Session IV

9:00 – 9:40 Nathan Reading – North Carolina State University
Coarsening polyhedral complexes

9:45 – 10:25 Keith A Pardue – National Security Agency (NSA)
Submagmas of Random Magmas

10:30 – 11:00 Coffee break

11:00 – 11:50 Plenary talk II

Victor Reiner – University of Minnesota
When two cyclic groups commute: the bicyclic phenomenon

12:00 – 12:45 Session V

12:00 – 12:40 Louis Shapiro – Howard University
Some new applications and theory of the Riordan group

12:45 End of Conference.

Thanks for your participation!

Geir Agnarsson,
Rebecca Goldin,
Sangwook Kim,
Jim Lawrence,
Walter Morris,
Stephen Saperstone,
Thomas Wanner,