

SCHEDULE

All times are in EST (UTC-5, Eastern Standard/New York USA).

Saturday, November 20th.

10:00-10:15am, Welcoming remarks from the organizers and Edelgard Wulfert, on behalf of Women in Science and Health (WISH), University at Albany.

10:20-11:10am, Georgia Benkart, *Walking on Graphs: A tour inspired by the McKay Correspondence, Representations, and Invariant Theory*

11:20-11:40am, Ritika Nair, *On the Lefschetz property for quotients by monomial ideals containing squares of variables*

11:50-12:10pm, Soffia Arnadottir, *Quantum walks on Cayley graphs*

12:20-12:40pm, Mariia Sobchuk, *Quantum independence and chromatic numbers*

Lunch Break

2:00-2:10pm, Remarks from Jeanette Altarriba, Dean of the College of Arts and Sciences, University at Albany

2:10-2:30pm, Tina Chen, *Bipartite walks and the Hamiltonians*

2:40-3:30pm, Patricia Hersh, *Posets arising as 1-skeleta of simple polytopes, the nonrevisiting path conjecture, and poset topology*

3:40-4:00pm, Faith Zhang, *Recursive Rank One Perturbations for Pole Placement and Cone Reachability*

4:10-4:30pm, Mee Seong Im, Grothendieck rings of periplectic Lie superalgebras

4:40-5:00pm, Sarah Brauner, *A Type B analog of the Whitehouse representation*

Sunday, November 21st.

10:00-10:20am, Iva Halacheva *Braid group actions, crystals, and cacti*

10:30-10:50am, Elizabeth Kelley *Rooted Clusters for Graph LP Algebras*

11:00-11:20am, Sabrina Lato, *Spectral Moore Bounds*

11:30-11:50am, Sunita Chepuri, *k-Positivity of the Dual Canonical Basis*

12:00-12:20pm, Georgia Benkart, *AWM 50 Years and Counting.*

12:30-12:50pm, Sheila Sundaram, *The plethystic inverse of the odd Lie modules*