

Summer Workshop Week 4 Talk Schedule

**Events for:
Monday, August 11th - Friday, August 15th**

Monday, August 11th

9:00am **Breakfast - SCGP Cafe**

10:00am **Dan Xie - SCGP 102**

Title: "Line operators and duality of $N=2$ class S theory"

12:00pm **Lunch - SCGP Cafe**

2:00pm **Informal Discussions**

3:30pm **Tea Time - SCGP Patio/Lobby**

Tuesday, August 12th

9:00am **Breakfast - SCGP Cafe**

10:00am **Atish Dabholkar - SCGP 102**

Title: "Quantum Black Holes and Quantum Holography"

12:00pm **Lunch - SCGP Cafe**

2:00pm **Sanjaye Ramgoolam - SCGP 102**

Title: "Quiver gauge theory and emergent TFT2s"

Abstract: Free field combinatorics of chiral operators in 4D quiver gauge theories with $U(N)$ gauge groups reveals a rich connection with topological field theories in two dimensions based on symmetric groups. This connection allows the computation of large N generating functions and finite N expressions in terms of Littlewood-Richardson coefficients. The counting of operators leads to a corresponding construction of an orthogonal basis for the operators. This uses a notion of quiver characters which generalizes symmetric group characters.

3:30pm **Tea Time - SCGP Patio/Lobby**

5:30pm **Wine and Cheese Reception - SCGP Lobby**

6:30pm **Jazz Performance by LCK Trio - SCGP 103**

Wednesday, August 13th

9:00am **Breakfast - SCGP Cafe**

10:00am **Dave Morrison - SCGP 102**

12:00pm **Lunch - SCGP Cafe**

2:00pm **Informal Discussions**

3:30pm **Tea Time - SCGP Patio/Lobby**

5:00pm **Growing Object Exhibition Opening Reception**

Thursday, August 14th

9:00am **Breakfast - SCGP Cafe**

10:00am **Departure from Simons Center to Beach - SCGP Lobby**

11:00am **Anton Kapustin - Smith Point Beach: Smith Point County Park, William Floyd Pkwy, Shirley NY**

Title: "Anomalies of discrete symmetries and group cohomology"

12:30pm **Lunch at the Beach - Smith Point Beach: Smith Point County Park, William Floyd Pkwy, Shirley NY**

3:00pm **Leave the Beach: Back to the Simons Center - Smith Point Beach: Smith Point County Park, William Floyd Pkwy, Shirley NY**

6:30pm **Summer Workshop Party at Martin Rocek's House - Martin Rocek's House: 10 Shipyard Ln, Setauket NY**

Friday, August 15th

9:00am **Breakfast - SCGP Cafe**

10:00am **Johannes Walcher - SCGP 102**

Title: "Arithmetic of D-brane superpotentials or what Calabi-Yau's know about number theory"

12:00pm **Lunch - SCGP Cafe**

2:00pm **Informal Discussions**

3:30pm **Tea Time - SCGP Patio/Lobby**