

## **GGI: Glassy aspects of classical and quantum computation, July 1-5, 2019**

### **Tuesday, July 2**

**11:45-12:30 Itay Hen (UCSC)**

**12:30-14:00 Lunch**

**14:00-14:45 Shivaji Sondhi (Princeton), The Chiral SYK Model**

### **Wednesday, July 3**

**11:00-11:45 Andrea de Luca (Oxford)**

**11:45-12:30 Eddie Farhi (Google), QAOA and SK**

**12:30-14:00 Lunch**

**14:00-14:45 Lev Ioffe (Google)**

**14:45-15:30 Sergio Boixo (Google)**

### **Thursday, July 4**

**11:00-11:45 Boris Altshuler (Columbia/Google)**

**11:45-12:30 Kostyantyn Kechedzhi (Google)**

**12:30-14:00 Lunch**

**14:00-14:45 Chris Baldwin (UMD), Quantum dynamics for solving energy matching problems**

### **Friday, July 5**

**11:00-11:45 Mehran Kardar (MIT)**

**11:45-12:30 Filippo Colomo (Firenze), Arctic curves and limit shapes**

We shall review the state of the art in the field, and, time permitting, illustrate some of its numerous connections with other branches of mathematics and physics, ranging from algebraic combinatorics to Quantum Quenches.

**12:30-14:00 Lunch**

**14:00-14:45 Claudia Artiaco (SISSA), The Quantum Perceptron**