

## New Frontiers: Interactions between Quantum Physics and Mathematics

**Monday June 20:  
American Academy  
of Arts and Sciences**

**Tuesday, June 21:  
Jefferson 250**

**Wednesday, June 22:  
Jefferson 250**

**Thursday, June 23:  
Jefferson 250**

8:45                    **Opening of Meeting**

9:00    *talk*                    **Mikhail Lukin**                    **Michael Freedman**                    **Peter Shor**                    **Hari Arthanari**

9:30    *discussion*

9:35    *talk*                    **Zhengan Wang**                    **Jiaoyang Huang**                    **Zhengwei Liu (r)**                    **Elchanan Mossel**

10:05    *discussion*

10:15    *break*

10:45    *talk*                    **Roberto Longo**                    **Yuri Polyanskiy**                    **Shawn Cui**                    **Marius Junge**

11:15    *discussion*

11:20    *talk*                    **Xiao-Gang Wen**                    **Yasu Kawahigashi**                    **Julia Plavnik**                    **Nilanjana Datta**

11:50    *discussion*

12:00    *break*

*End of Conference*

1:30    *talk*                    **Renato Renner**                    **Leonard Susskind (r)**                    **Victor Ostrik**

2:00    *discussion*

2:05    *talk*                    **Hans Wenzl**                    **Guoliang Yu**                    **Kaifeng Bu**

2:35    *discussion*

2:45    *break*

3:15    *talk*                    **Daniel Loss**                    **Steven Flammia**                    **Jun Yang**

3:45    *discussion*

3:50    *talk*                    **Problems:  
Seth Lloyd,  
Michael Freedman,  
Pavel Etingof**                    **Dave Penneys**                    **Aram Harrow**

4:20    *discussion*

4:45                    *End of Day's Meeting*                    **Edward Farhi**                    **Terry Gannon**

5:15    *discussion*

5:30

*End of Day's Meeting*

*End of Day's Meeting*