

New Frontiers: Interactions between Quantum Physics and Mathematics

| | | Monday June 20: American Academy | Tuesday, June 21: Jefferson 250 | Wednesday, June 22: Jefferson 250 | Thursday, June 23: Jefferson 250 |
|-------|------------|--|------------------------------------|--------------------------------------|-------------------------------------|
| 8:15 | | <i>coffee-breakfast</i> | <i>coffee-breakfast</i> | <i>coffee-breakfast</i> | <i>coffee-breakfast</i> |
| 8:45 | | Jaffe, Myers, Stubbs | | | |
| | chair | Bert Halperin | Zhenghan Wang | Dietmar Bisch | Andrei Ruckenstein |
| 9:00 | talk | Mikhail Lukin | Michael Freedman | Peter Shor | Hari Arthanari |
| 9:30 | discussion | | | | |
| 9:35 | talk | Zhenghan Wang | Jiaoyang Huang | Zhengwei Liu (r) | Elchanan Mossel |
| 10:05 | discussion | | | | |
| 10:15 | | <i>coffee</i> | <i>coffee</i> | <i>coffee</i> | <i>coffee</i> |
| 10:45 | talk | Roberto Longo | Yury 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 | | <i>lunch</i> | <i>lunch</i> | <i>lunch</i> | <i>lunch</i> |
| | chair | Zhenghan Wang, Mikhail Lukin | Renato Renner | Pavel Etingof | |
| 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 | | <i>coffee</i> | <i>coffee</i> | <i>coffee</i> | |
| 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 | | <i>Welcome Reception*</i> | Edward Farhi | Terry Gannon | |
| 6:00 | | Concert* Ya-Fei Chuang | <i>Conference Banquet*</i> | | |

**Registration with Crystal Stillman required.*