Workshop on Subfactor Theory, Quantum Field Theory, and Quantum Information
Talks in Jefferson 250  Coffee in Lyman 330  Harvard University

Saturday, October 8, 2016
8:30am  Coffee
9:00am  Registration
9:20am  Welcome: Arthur Jaffe
9:30-10:30am  Vaughan Jones
“Ways in which subfactors arise in physics”
10:30-11:00am  Coffee
11:00-12:00am  Roberto Longo
“Kubo-Martin-Schwinger, non-equilibrium thermal states, and conformal field theory”
Paul Martin Memorial Presentation
Lunch in Jefferson 450
2:00-3:00pm  Dmitri Shlyakhtenko
“Cohomology of planar algebras”
3:00-3:30pm  Coffee
3:30-4:30pm  Nicolai Reshetikhin
"Limit shapes in the 6-vertex model"
4:30-5:00pm  Dave Penneys
“Enriched quantum symmetry”
5:30pm  Social Event in Library, Jefferson 450

Sunday, October 9, 2016
9:00-10:00am  Michael Freedman
“How to build a topological quantum computer 101”
10:00-10:30am  Coffee
10:30-11:30am  Zhengwei Liu,
“A new diagrammatic approach to quantum information”
11:30-12:00am  Thomas Vidick
“Overlapping qubits”
GROUP PHOTO
Lunch in Jefferson 450
2:00-3:00pm  Renato Renner
“Recovery of lost quantum information”
3:00-3:30pm  Coffee
3:30-5:30pm  Open Problem Session
Jacob Biamonte, Matthias Christandl
Bob Coecke, Giovanni Felder
Yasuuki Kawahigashi,
Christoph Schweigert, Feng Xu
6:30pm  Banquet: Changsho Restaurant
(Ticket required)
1712 Massachusetts Avenue,
Cambridge

Monday, October 10, 2016
9:00-10:00am  Tobias Osborne
“Tensor networks for quantum field theory”
10:00-10:30am  Coffee
10:30-11:00am  Shamil Shakirov
“Representations and topological field theory”
11:00-12:00am  Adrian Ocneanu
“Aspects of higher representation theory”
12:00  Closing: Masahiro Mori