

Simons Foundation Conference on Quantum and Reversible Computation

Stony Brook University, May 28-31, 2003

The goal of this conference is to generate interaction between mathematicians, computer scientists, and physicists working to build quantum computers. Topics will include:

Quantum Algorithms

Fractional Quantum Hall Effect

Quantum Information Theory

Josephson Junctions

Cryptography

QED Cavities

Error Correcting Codes

Ion Traps

Modular Functors

Quantum Optical Systems



organized by

The C.N. Yang Institute for Theoretical Physics, Department of Physics and Astronomy,
Institute for Mathematical Sciences, and the Department of Mathematics

For information about registration and submission of contributed papers, please visit our website at

<http://insti.physics.sunysb.edu/conf/qcomp.html>