

BEARS 2009



Berkeley Quantum Information and Computation Center
410 Hearst Memorial Mining Building, 2:00 - 5:00pm

Join us for an afternoon probing how quantum information processing investigates issues at the foundations of computer science and quantum mechanics. Revolutionary research at the intersection of computer science and quantum physics has led to a realization that computers operating according to quantum mechanics can be exponentially faster than classical computers and has changed our understanding of the relation between information and quantum physics. Implications for a broad range of subjects including cryptography, quantum phases, metrology, nanosystems and classical simulation, measurement and control of quantum systems are being studied at BQIC.

Our open house will display posters representing a sampling of the work being undertaken in quantum information, control and algorithms, as well as experimental realization of quantum computers and quantum devices by researchers from the colleges of Chemistry, Engineering and Physical Sciences. Refreshments will be served!