# Rochester Joint Chapter of the IEEE Computer and Computational Intelligence Societies

**Rochester, New York**

***and***

# RIT's GCCIS Center for the Advancement of Research and Education in Information Assurance (CARE-IA)

***present***

# When Alice and Bob meet Schrödinger's cat: A brief introduction to quantum computing

**by**

## Jianxin Chen, Ph.D.

**Date:** Friday, February 26, 2016
**Time:** 12:00 p.m. to 1:00 p.m.
**Location:** RIT Campus, Golisano Hall - Bldg 70, Room 2455
**Computer Society announcements and venue information:**
http://ewh.ieee.org/r1/rochester/computer
**Cost:** Free. Open to IEEE members and non-members.

## Abstract

Quantum computing is one of the most emerging field with the very potential to significantly advance key areas in science and engineering. In this talk, I will review recent progress on quantum computing with a focus on quantum cryptography. No prior knowledge of quantum physics is required.

## Speaker's Biography

Dr. Jianxin Chen is a Hartree Postdoctoral Fellow in the Joint Center for Quantum Information and Computer Science at University of Maryland. He received his Ph.D degree in Computer Science at Tsinghua University in 2010. Before joining University of Maryland, he was a postdoctoral fellow in Institute for Quantum Computing at University of Waterloo. Jianxin's research focuses on the theory of quantum information and its applications. Topics of particular interest include quantum key distribution, entanglement theory and quantum secure communications.