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IEEE CS (WA Chapter) Seminar

**Title:** Information, Quantum, Computing and Cryptography

**Presenter:** Dr Subhash Kah, Oklahoma State University

**Time/ Date:** 11:00am to 12:00pm, Wednesday, 17 October 2012

**Venue:** Geology Seminar Room (312.222), Curtin University

## Abstract:

The lecture will present a summary of recent work by the author in the fields of information, quantum computing and quantum cryptography. Challenges and opportunities in the field will be described. It will present the status of author's protocol for quantum cryptography that was recently implemented in freespace optics.

## Biography:

Subhash Kak is Regents Professor and Head of the Computer Science Department at Oklahoma State University in Stillwater. His technical research is in the fields of information theory, neural networks, and quantum information. He has also written on the history of science and art. His many prestigious awards include the British Council Fellow (1976), Science Academy Medal of the Indian National Science Academy (1977), Kothari Prize (1977), UNESCO Tokten Award (1986), Goyal Prize (1998), National Fellow of the Indian Institute of Advanced Study (2001), and Distinguished Alumnus of IIT Delhi (2002).