



# Colloquium

*Computer Science Department, Oklahoma State University*

**Dr. Subhash Kak**

**Professor, Computer Science Department**

**3:25pm - 4:25pm, Thursday, February 26th, 2009**

**310 MSCS, Stillwater; 208 NCB, Tulsa**

## **Prospects for Quantum Computing**

### **Abstract**

Some quantum computing algorithms can be orders of magnitude faster than the fastest classical algorithms. The talk will take a look at quantum computing to see what we can expect from it in the near future. The prospects for building efficient quantum gates and implementation of quantum algorithms will be examined.

**Biography:** Dr. Subhash Kak is professor and head of department of Computer Science at OSU. His research interests are in quantum computing, social networks, cryptography, and artificial intelligence.

(Refreshments will be served.)