ISTeC (Information Science and Technology Center) Research Advisory Committee
Retreat on the Scientific and Engineering Foundations of Information Science and
Technology
Saturday, May 8, 8:15am to 3:00pm, Lory Student Center

DOSSIER

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Research Interests (one paragraph):
Protocols for high-speed networks, Internet applications, Optical Communication Networks,
Performance Modeling, Efficient Implementation of Protocols, Sensor Networks.
Testing and Testable Design of Integrated Circuits..

Titles of current research projects (funded or not):
NSF ERC for Collaborative Adaptive Sensing of Atmosphere (Transport protocols for next
generation networks, Emulation of high-speed networks);
Networking of weather radars (NSF-ITR);
Modeling and emulation of internets (Agilent)
Testing of Digital Circuits for Reliability Faults

Current collaborations inside and outside your department:
With Y. K. Malaiya (CS) on Testing of Digital Circuits
In recent months, have worked with several people outside the college on sensor networking
proposals.

Breakout sessions you would like to attend at the retreat (please rank order from 1 to 3):	
2	Alternative models of computing
3	Computing and information processing in support of basic science and engineering
1	Dense sensor networks
	Imaging and tracking
	Automatic image, text, and speech recognition for multimodal interfaces and search engines
	Privacy and Security in Information Age

Faculty at CSU whom you would like to see included into your preferred breakout group:

Naz Karim (Chemical Engineering), Evan Vlachos (Socialogy/Civil Engineering), Rajinder Ranu (Bioag & PM), Jane Kneller (Philosophy), Kitchener, Richard (Philosophy)

One optional paragraph you would like other participants to read before the retreat: