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):
Computer Algebra
Group Theory
Symmetry and Search

Titles of current research projects (funded or not):

Computer Algebra System GAP
Algorithms for determining maximal subgroups
Hybrid Quotient Algorithm for finitely presented groups

Current collaborations inside and outside your department:
Inside: Liebler, Betten
Outside, CSU: McConnell (CS)
Other Universities: Linton (CS, St Andrews, UK; Eick, Mathematics, Germany)

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

Faculty at CSU whom you would like to see included into your preferred breakout group:
One optional paragraph you would like other participants to read before the retreat: My work is prima facie about solving problems from pure mathematics. However it involves techniques that might be interesting for real world problems, involving symmetries or combinatorial searches.