

**Mathematics and Statistics
Red Raider Mini-Symposium Series**



“Control Theory in the Twenty-First Century”

Roger Brockett, Harvard University
P.S. Krishnaprasad, University of Maryland
Bijoy Ghosh, Washington University, St. Louis
Arthur Krener, University of California, Davis

**November 8-9, 2001
Department of Mathematics and Statistics
Texas Tech University**

**Mathematics and Statistics
Red Raider Mini-Symposium**

“Control Theory in the Twenty-First Century”

Speakers

Roger Brockett, National Academy of Engineering, Fellow of IEEE
Division of Applied Sciences
Harvard University

P.S. Krishnaphrasad, Fellow of IEEE
Department of Electrical & Computer Engineering
Institute for Systems Research
University of Maryland, College Park

Arthur Krener, Fellow of IEEE, Guggenheim Fellow
Department of Mathematics
University of California, Davis

Bijoy Ghosh, Fellow of IEEE
Department of Systems Science & Mathematics
Washington University, St. Louis

Schedule of Events

Thursday, November 8

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| 3:00-3:30 | Refreshments |
| 3:30-4:30 | Roger Brockett
"Nuclear Magnetic Resonance as a Hypothesis Testing Problem"
Chemistry, Room 101 |
| 4:30-4:45 | Break |
| 4:45-5:45 | P.S. Krishnaphrasad
"Control of Pattern Formation"
Chemistry, Room 101 |
| 6:00-8:00 | Reception |

Friday, November 9

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| 2:30 -3:00 | Refreshments |
| 3:00-4:00 | Arthur Krener
"Stable Reconstruction by Observers"
Chemistry, Room 101 |
| 4:00-4:15 | Break |
| 4:15-5:15 | Bijoy Ghosh
"What Do Cortical Waves Encode in the Turtle Visual Cortex?"
Chemistry, Room 101 |



The purpose of this series is to invite outstanding scholars with expertise in selected areas of mathematics or statistics to Texas Tech University. These mini-symposia will provide Texas Tech University faculty and students, as well as visitors from other universities, the opportunity to meet and interact with experts in a relaxed atmosphere.