

**1st Annual Review of ARO MURI:
 "Space-Time Processing for Enhanced Mobile Ad-Hoc Wireless
 Networking"
 AGENDA
 Eucalyptus Point, UC San Diego**

THURSDAY, JULY 28th, 2005	
7:30	Breakfast & Registration
8:00	Introduction » James Zeidler, UCSD
8:15	<u>"Understanding Channel Access Control in Ad Hoc Nets with MIMO Nodes"</u> » JJ Garcia-Luna-Aceves, UCSC
8:45	<u>"Adaptive MAC Protocols for Mobile Ad-Hoc Networks"</u> » Rene Cruz, UCSD
9:15	<u>"Cross Layer Protocols for Use with Antenna Arrays"</u> » Srikanth Krishnamurthy, UCR
9:45	<u>"On the Implications of Layered Space--Time Multiuser Detection on the Design of MAC Protocols for Ad Hoc Networks"</u> » Michele Zorzi, UCSD
10:00	Break
10:30	<u>"A Formal Approach to Analysis and Design of Self-Configuring Wireless Ad-hoc Networks"</u> » Tara Javidi, UCSD
11:00	<u>"Quantifying Performance Improvements Due to Spatial-Temporal Diversity in Mobile MIMO Spread-Spectrum Ad-Hoc Networks"</u> » James Zeidler, UCSD
11:30	<u>"The Effect of Channel Estimation Errors on System Performance"</u> » Larry Milstein, UCSD
12:00	Lunch
13:00	<u>"System Design Issues for Mobile Wireless Networks"</u> » Lee Swindlehurst, BYU
13:30	<u>"Experimental Evaluation of MIMO Channels: Multi-User Characteristics and Temporal Variability"</u> » Michael A. Jensen, BYU
14:00	<u>"The McMaster Contributions to the MURI Project"</u> » Simon Haykin, McMaster University

14:30	<u>"Channel Equalization for MIMO Systems"</u> » John Proakis, UCSD
15:00	Break
15:30	<u>"Quantization Algorithms and their Analysis in feedback MIMO systems"</u> » Bhaskar Rao, UCSD
16:00	<u>"Beamforming and Space-Time Coding for Ad-Hoc Networks"</u> » Hamid Jafakhani, UCI
16:30	<u>"A Route-Guided SIMO Data Forwarding Policy for Wireless Relays"</u> » Yingbo Hua, UCR
17:00	Conclusion » James Zeidler, UCSD
17:15	Government Caucus
17:45	Government Feedback to MURI Team
18:00	Reception