



**Symposium on Autonomous and Robotic Vehicle Technologies
Program**

Time	Thursday 24 Feb 2005	Friday 25 Feb 2005	Saturday 26 Feb 2005
7:45		Continental Breakfast	
8:00 AM	Continental Breakfast	Asad Madni, Ph.D President and COO of BEI Technologies, Inc.; “Full Circle Commercialization of a Dual-Use Micromachined Quartz Rate Sensor Technology.”	Continental Breakfast
8:45	Welcome		Welcome
9:00	Alfredo Ramirez – Global Hawk Chief Engineer; Northrop Grumman	Derek Bye, Advanced Development Programs– Lockheed Martin; “Morphing Aircraft Structures Activity.”	Tasso Politopoulos, Chief Scientist, American GNC; “Coremicro® Palm Navigator.”
9:45	Jack Byers – Chief Executive Officer, Vanguard Marketing, International; “ UAV New and Emerging Market Characteristics.”	Frederic Newberg – Sensoria; “Wireless Sensor Networks – Past Present and Future.”	Tully Foote and Hamiao Haung – California Institute of Technology; “Team Caltech: Racing to Win DARPA Grand Challenge.”
10:30	Break	Break	Break
10:45	Greg Larson, Program Manager, Intelligent Systems, Boeing; “Boeing’s Experience with DARPA Grand Challenge.”	Rajit Gadh, Ph.D, Professor, MAE, Henry Samueli School of Engineering and Applied Science, UCLA; “The Next Generation of Wireless.”	Steve Dobbs, Systems Engineer - Boeing
11:30	Lunch	Lunch	Adjourn
12:45	Depart for JPL Tour	Robert Miller, Ph.D. Research Specialist Northrop Grumman; “UAV Autonomy & Multi-Vehicle Control.”	
1:30		Terry Hansberger, JPL	
2:15		Break	
2:30		Reinhold Behringer Rockwell Science Center; “Technology Lessons from the DARPA Grand Challenge.”	
3:15		Patrick Haley PM & AM Research; Full and Partial Autonomy: Air, Land and Sea.”	
4:00		Adjourn	