

Agenda
ISoTherM Research Consortium Meeting
April 18, 2006

7:45 -	Breakfast and Coffee	
8:00	Welcome and Introduction to ISoTherM Research Consortium	Dr. Bill Ma
8:15	Welcome and Introduction to Mechanical & Aerospace Engineering Dept.	Dr. Bob Tzou Chair
8:30	Welcome and Introduction to College of Engineering	Dr. Noah Manring Associate Dean
8:45	Electrostatic Force and Fluid Flow and Heat Transfer Enhancement	Dr. James Bryan
9:00	Plasma Nanocoating and Nanofluids	Dr. Qingsong Yu
9:15	Solid State Thermal Management	Dr. Gary Solbrekken
9:30	Coffee Break	
9:50	Heat Transport Capability in a High Power Loop Heat Pipe	Dr. Anjun Jiao
10:00	An Experimental Investigation of a Miniature Loop Heat Pipe	Mr. Chad Sanderson
10:10	A Mathematical Model Predicting the Minimum Meniscus Radius Occurring in a Heat Pipe with Sintered Particles	Mr. Peng Cheng
10:20	An experimental Investigation of a Nanofluid Oscillating Heat Pipe	Mr. Corey Wilson
10:30	An Experimental Investigation of High-Heat-Flux Vapor Chamber	Mr. Bradley Moll
10:40	An Experimental Investigation of a Compact Nanofluid Oscillating Heat Pipe	Mr. Brian Borgmeyer
10:50	Charging Time Effect on Non-Condensable Gas in a Heat Pipe	Dr. Bill Ma
11:00	A Mathematical Model Predicting the Transient Heat Transfer Performance – an Efficient Way to Test a Heat Pipe	Dr. Bill Ma
11:10	Experimental Investigation of New Kinds of Grooved Heat Pipes	Dr. Bill Ma
11:30	Lunch	
12:00	Lab Tour	
	Electronics Cooling Lab	Dr. Bill Ma
	Enhanced Heat and Fluid Transport Lab	Dr. James Bryan
	Solid State Thermal Management	Dr. Gary Solbrekken
	Surface Science Lab	Dr. Qingsong Yu
	Structure Mechanics Lab	Dr. Frank Pai
2:00	Panel Discussion	
	On-Going Research Projects	
	New Research Projects	
	Others	
4:30	Adjourn	