



Mino's Memorial Symposium

Friday August 10, 2012
NASA Ames Conference Center
Building 3, NASA Ames Research Center, Moffett Field, CA

Mino Freund (Feb. 1, 1962 - Jan. 17, 2012)
"We were with him, trying to hold him back, but he could not stay"
~ Hisako & Friedemann



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Program

A Universe of Scales: from Nanotechnology to Cosmology
Symposium in Memory of Mino Freund

Friday August 10, 2012
At the NASA AMES Conferences Center
Building 3, NASA Ames Research Center, Moffett Field, CA

Time	Time min	Provisional Titles of Presentations	Speakers & Discussion leaders
7:30	60	Registration/Continental Breakfast in Bldg. 3	
8:30	5	Safety Brief and Logistics	Stephanie Langhoff, Senior Science Advisor
8:35	10	Welcome/Opening remarks	Pete Worden, Director ARC
8:45	5	Mino Award Endowment	Friedemann Freund
Science of Large-Scale Systems			
8:50	5	Opening remarks by Session Chair	Yvonne Pendleton, Director NASA Lunar Science Institute
8:55	15+5	Mino in Japan: The Infrared Telescope in Space	Mike Bicay, NASA Ames Director of Science
9:15	25+5	Fluid Mechanics Explains Cosmology, Dark Matter, and Dark Energy	Carl Gibson, University of California at San Diego
9:45	25+5	How the brain makes decisions: Quantum decision theory	Didier Sornette, ETH Zürich, Switzerland
10:15	15	Break	
Novel Strategies in Earthquake Science			
10:30	5	Opening remarks by Session Chair	Friedemann Freund
10:35	25+5	From Neurons to Neutrinos: Modeling the Whole Earth System	Bob Bishop, ICES, Geneva, Switzerland
11:05	25+5	A new Earthquake Prediction System	Doug Rekenhaller, Radio-Hydro-Physics

11:35	25+5	Pre-Earthquake Signals at the Ground Level	Jorge Heraud, INRAS, PUCP, Lima, Peru
12:05	25+5	Rock Softening – a Quantum Mechanical Effect	Claes Hedberg, Blekinge Inst. Technology, Sweden
12:35	60	Lunch	
Nano-satellites/Formation flying			
13:35	5	Opening remarks by Session Chair	Al Weston, NASA Ames Director of Programs and Projects
13:40	25+5	Formation Flying and High Accuracy Inter-Satellite Range Measurements	Doug Currie, University of Maryland
14:10	25+5	Microsatellite Ionospheric Network in Orbit	Stuart Eves, SSTL, UK
14:40	15	Break	
Neuroscience			
14:55	5	Opening remarks by Session Chair	Steven Zornetzer, Associate Center Director (Technical)
15:00	25+5	Steerable Nanobots for Diagnosis and Therapy	Beth Stadler, University of Minnesota
15:30	25+5	Enhancing Nature's Power By Guiding its Bullets to Specific Targets: What is More Urgent, "Mechanism" or "Remedy"?	Probal Banerjee, The College of Staten Island CUNY
16:00	15	Thanks and Closing Remarks	Friedemann Freund
16:15		Adjourn	
18:00		DINNER: Amarin Thai Cuisine, 174 Castro St. Mountain View	