

Program at a Glance

2000 CCA/CACSD Sunday Workshops

8:00 a.m. – 6:00 p.m., Sunday, September 24, 2000

Workshop 1: *Unmanned Air Vehicles: Coordination, Sensing, And Control.*

J. Hespanha, University of Southern California, F. Hoffmann, J. Koo, M. Prandini, L. Schenato, O. Shakernia, D. Shim, University of California at Berkeley, I. Kaminer, Naval Post-Graduate School and C. Tomlin, Stanford University

Workshop 2: *Control And Signal Processing Design Optimization Using Genetic Search Methods.*

Dr. P.K. Menon, Dr. V.H.L. Cheng and Dr. L.S. Crawford, Optimal Synthesis Inc.

2000 CCA/CACSD MONDAY SESSIONS

Plenary I: 8:00 a.m. – 9:00 a.m., Monday, September 25, 2000 --- Aleutian Room

Track Room	CACSD		CCA			
	1 Iliama	2 King Salmon	3 Katmai	4 Dillingham	5 Susitna	6 Portage
MA 9:30-11:30	Advanced Num Methods in Syst and Control Theory	Simulation and Validation I	Novel Control App. in Industry and Business	Educational and Industrial Robot	Fault Detection and Diagnosis	Control Fundamental
MM 1:00-3:00	Computational Methods in Control Design I	Multi-Paradigm Modeling: Hetero. Modeling	Control Issues in Flywheel	Motion Control	Neural Control	Control in Nonlinear Systems
MP 3:20-5:20	Computational Methods in Control Design II	Multi-Paradigm Modeling: Behavior Analysis	Control of Acoustic Noise	Vehicle Control	Fuzzy Control	Nonlinear Control Techniques and Applications

2000 CCA/CACSD TUESDAY SESSIONS

Plenary II: 8:00 a.m. – 9:00 a.m., Tuesday, September 26, 2000 --- Aleutian Room

Track Room	CACSD		CCA			
	1 Iliama	2 King Salmon	3 Katmai	4 Dillingham	5 Susitna	6 Portage
TA 9:30-11:30	Computational Toolboxes in Control Design	Simulation and Validation II	Plasma Control in a Tokamak	Mobile Robot and Architecture	Fault Tolerant Control	Signal Processing and Filtering
TM 1:00-3:00	New Toolboxes for Control System Analysis and Design	System Design Applications I	Sensitivity Analysis and Design for PDE Applications	Sensor Based Control	Manufacturing Systems	Estimation and Observers
	BANQUET					

2000 CCA/CACSD WEDNESDAY SESSIONS

Track Room	CACSD	CCA		
	1 Iliama	2 King Salmon	3 Katmai	4 Dillingham
WA 9:30-11:30	Numerical Methods for Model Reduction	Sliding Mode Control Techniques and Applications	Industrial Control Applications	Robot and Manipulator Control
WM 1:00-3:00	System Design Applications II	Industrial and Biological Process Control	Modeling and System Identification	Aerospace And Space Systems
WP 3:20-5:20	Adaptive and Robust Control	Power Electronic Systems	Discrete Event Systems	Active Vibration Control