

PRACQSYS at a Glance

Monday, August 25th – 27th 2008

	Monday, August 25	Tuesday, August 26	Wednesday, August 27
8:30am	Registration 9:30-11:00 EMU Ballroom Lobby	Session 3	Session 4
		John Gough <i>Quantum Feedback Networks</i>	Hendra Nurdin <i>Network synthesis of linear dynamical quantum stochastic systems</i>
		Hideo Mabuchi <i>Experimental coherent-feedback quantum control: opportunities and challenges</i>	Masahiro Yanagisawa TBA
10:00am		Break	Break
10:30am	Session 1	Steffen Glaser TBA	Dan Stamper-Kurn <i>Quantum cavity micro-mechanics with ultracold atoms</i>
	Sean Barrett <i>Controlling Coherence Using the Internal Structure of Hard Pi Pulses</i>		
	Lorenza Viola <i>Dynamically error-corrected gates for accurate quantum control and computation</i>	Ian Walmsley <i>Coherent control of decoherence</i>	Michael Raymer <i>Photon Wave Mechanics and Spin-Orbit Interaction in Single Photons</i>
12:00pm	Poster Session Lunch	Lunch	Lunch
1:30pm	Session 2	Free Time/Outing Meet tour buses in front of Student Recreation Center at 1:30pm	Session 5
	Navin Khaneja TBA		Haidong Yuan TBA
	Seth Merkel <i>Control and Measurement of Hyperfine Spins with Coherent Electromagnetic Fields</i>		Howard Wiseman <i>What is quantum about quantum trajectories?</i>
3:00pm	Coffee Break		Coffee Break
3:30pm	Anne Nielsen <i>Time evolution of the state of atomic systems subjected to measurements</i>		Ian Petersen <i>Coherent H infinity control for a class of linear complex quantum systems</i>
	Yanbei Chen <i>Quantum Control in Gravitational-Wave Detectors</i>		Group Discussion
		Conference Banquet – 6:30pm Willamette Atrium	