

WEDNESDAY 4th July 2007

9:30	REGISTRATION: Information Desk, Foyer St David Lecture Theatre Complex			
10:00	MORNING TEA			
10:45	Welcome - Dr Terry Scott, President, NZIP			
11:00	Plenary Session - St David Lecture Theatre Professor Carl Wieman			
12:00	LUNCH			
	RESEARCH (Sem 1)	PHYSIKOS (Sem 2)	WORKSHOPS (Sem 3)	RESEARCH (Sem 4)
1:00	Chair: P. Blair Blakie Joachim Brand Superfluidity, Solitons and Metastable Currents of UCA	1:00 Chair: Peter Wilson John Hannah Stage One Physics and Outreach at Victoria University	Kerry Parker Beyond the equations - getting students to be able to describe and explain	1:00 Chair: Ben Ruck James Storey Transport and Thermodynamics of high-Tc superconductors
1:30	David Hutchinson Effects of Disorder in Ultra-Cold, Dilute Gases	1:30 Peter Cottrell Southern Skies: New Zealand Astronomy on View	Francis Bryden Using your laptop to teach Physics	1:30 E K Hemery Anomalous Thermoelectric power in SrFeO _{3-δ}
2:00	Mikkel Andersen Rotating Atoms with Light	2:00 Kerry Parker Three amazing women		2:00 Nick Long Recent Advances in Large Scale Applications of Superconductors
2:30	Ina Kinski The Next Generation of Ultra Cold Atom Machines	2:30 Laurie Christian Experiences with Hosting Royal Society Fellows	Using your laptop to teach Physics	2:30 Dmitri Schebarchov Molecular Dynamics Simulation of Supported Nanoparticles
2:45	Tod Wright Thermalisation and vortex formation in perturbed condensates	2:45 Geoff Willmott Scientists go Back to School		
3:00	AFTERNOON TEA			
3:30	Chair: David Hutchinson Scott Parkins Quantum Phase Transitions in Optical Cavity QED	3:30 Chair: Terry Scott Howard Lukefahr The New Zealand Physics Teacher's Resource Bank	Des Duthie Rockets and Microstream Cars - Affordable Action Student Activities	FREE
4:00	Jevon Longdell A Quantum Memory for Light using Gradient Echoes	4:00 Matt Visser Emergent Spacetimes	Dave Thrasher/Des Duthie	
4:30	Scott Parkins Photon Correlations in Two-Mode Cavity QED	4:30 Ben Ruck The McDiarmid Institute	Animation-Based Homework Question-Sets	
5:00	Jian Wei Tay Classical Reslution Limit of Optical Tweezers	5:00 Di Hartwell Science Hub and MoRST announcement		
5:30	MIX and MINGLE - St David Lecture Theatre Complex			