

ORSNZ 2000, Wellington, 1-2 December, 2000

Number	Start	Finish	Session	Chair	Venue
<i>FRIDAY, 1 DECEMBER 2000</i>					
	8.00	9.00	Registration and Morning Tea		GB Foyer
	9.00	9.10	Welcome/Housekeeping	J. Davies and Y. Hayakawa	GB LT1
	9.10	9.25	Opening Address	R. Renner	GB LT1
			Professor S. McCutcheon, Vice Chancellor, Victoria University of Wellington		
F1	9.25	10.10	Keynote Address	T. Vignaux	GB LT1
			<i>Optimised Crew Scheduling at Air New Zealand – Edelman Presentation</i> David Ryan, Rod Butchers and Jeff Meyer		
	10.10	10.40	Morning Break		GB Foyer
F2A	10.40	12.00	Parallel Session : Logistics and Transportation	D. Ryan	GB LT1
F2A1	10.40	11.00	<i>The Optimising of Petrol Distribution</i> A. McNaughton, and S. Leong		
F2A2	11.00	11.20	<i>On an Application of Pedigree Approach to Symmetric Traveling Salesman Problem</i> T. Arthanari		
F2A3	11.20	11.40	<i>A Stochastic Programming Approach to the Airline Crew Scheduling Problem</i> J. Yen and J.R. Birge		
F2A4	11.40	12.00	<i>Bicriteria Robustness versus Cost Optimisation in Tour of Duty Planning at Air New Zealand</i> M. Ehrgott and D.M. Ryan		
F2B	10.40	12.00	Parallel Session : Systems and Soft OR	B. Cavana	GB LT2
F2B1	10.40	11.00	<i>Stakeholder Analysis for Systems Thinking and Modelling</i> A.A. Elias and R.Y. Cavana		
F2B2	11.00	11.20	<i>Te Wananga : Developing a Bicultural Model Using Critical Systems</i> W. Taurima and M. Cash		
F2B3	11.20	12.00	<i>Panel Discussion : The Role of Systems and Soft OR in the Education of OR/MS Professionals in New Zealand</i> J. Brocklesby, J. Buchanan, B. Cavana (chair), N. Petty and A. Philpott		
	12.00	13.30	Lunch		GB Foyer

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F3A	13.30	14.50	Parallel Session : OR Techniques I	D. McNickle	GB LT1
F3A1	13.30	13.50	<i>BartSim: A Tool for Analysing and Improving Ambulance Performance in Auckland, New Zealand</i> S.G. Henderson and A.J. Mason		
F3A2	13.50	14.10	<i>Optimal Sailing Routes with Uncertain Weather</i> T. Allsopp, A. Mason and A. Philpott		
F3A3	14.10	14.30	<i>Optimal Reactive Power Management in Electric Power Systems</i> B.B. Chakrabarti, E.G. Read and D. Chattopadhyay		
F3A4	14.30	14.50	<i>Automated Large-scale Simulation Experiments in AKAROA-2</i> D.McNickle, K. Pawlikowski and G. Ewing		
F3B	13.30	14.50	Parallel Session : Quantitative Applications	D. Boland	GB LT2
F3B1	13.30	13.50	<i>Identification of Resouce Needs for Learners with Vision Impairment: Using DEA in a Mixed Method Approach</i> N.W. Petty		
F3B2	13.50	14.10	<i>Bonus Incentive Schemes in the Workplace: Their Effect on Operational Research Projects</i> D. Boland		
F3B3	14.10	14.30	<i>Market Analysis Illustrated by the Mandelbrot Model</i> H. Kumakura		
F3B4	14.30	14.50	<i>Types Of Market Research and its Usefulness: An Empirical Study</i> G. Raguragavan, T. Lewis and Z. Kearns		
	14.50	15.20	Afternoon Break		GB Foyer
F4	15.20	16.50	The PA Consulting Group Young Practitioners Prize	K. Mayes	GB LT1
F4A	15.20	15.50	<i>Flight Schedule Optimisation for Air New Zealand's International Fleet</i> R. Meehan		
F4B	15.50	16.20	<i>Cell Batching Optimisation for the New Zealand Aluminium Smelter</i> T. Piehl		
F4C	16.20	16.50	<i>Operational Decision Making for Internet Service Provision</i> M. Stewart		
F5	17.00	18.00	AGM of ORSNZ	A. Philpott	GB LT1
F6	19.00	22.00	Conference Banquet		Michael Fowler Centre

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Number	Start	Finish	Session	Chair	Venue
SATURDAY, 2 DECEMBER 2000					
	8.30	9.00	Morning Tea		GB Foyer
	9.00	9.10	Housekeeping	J. Davies	GB LT1
S1	9.10	10.10	Keynote Address	J. George	GB LT1
			<i>OR; Sharing the Stage with Strategy and Economics in the Reform of the Infrastructure Industries and the Development of Markets</i> F. Baird		
	10.10	10.40	Morning Break		GB Foyer
S2A	10.40	12.00	Parallel Session : Competitive Markets	J. George	GB LT1
S2A1	10.40	11.00	<i>Electricity Market Models: Primal/Dual Formulation Issues</i> E. G. Read, and D. Chattopadhyay		
S2A2	11.00	11.20	<i>The Must-Run Auction in an Electricity Market</i> G. Pritchard		
S2A3	11.20	11.40	<i>An Equilibrium Model of an Imperfect Electricity Market</i> S.R.J. Batstone		
S2A4	11.40	12.00	<i>Optimal Offer Stacks for Hydroelectric Generators in Electricity Markets</i> P. Neame, A. Philpott, G. Pritchard and G. Zakeri		
S2B	10.40	12.00	Parallel Session : OR Techniques II	J. Buchanan	GB LT2
S2B1	10.40	11.00	<i>A Dynamic Model for Structuring Decision Problems</i> J. Corner, J. Buchanan and M. Henig		
S2B2	11.00	11.20	<i>A Framework for Search Heuristics</i> R. James		
S2B3	11.20	11.40	<i>A Comparison of Two Reference Point Methods in Multiple Objective Mathematical Programming</i> J. Buchanan and L. Gardiner		
S2B4	11.40	12.00	<i>Two-Stage Service Provision by Branch and Bound</i> S. Dye, A. Tomasgard and S. Wallace		
	12.00	13.30	Lunch		GB Foyer

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S3A	13.30	14.50	Parallel Session : OR Applications I	A. Philpott	GB LT1
S3A1	13.30	13.50	<i>Maui Gas Outage – A Case Study in Energy Demand Side Response</i> G. Everett		
S3A2	13.50	14.10	<i>Capital Planning under Uncertainty at Fletcher Challenge Canada</i> G. Everett, A. Philpott and G. Cook		
S3A3	14.10	14.30	<i>Classifying Merino Wool to Maximise Revenue</i> J.F. Raffensperger		
S3A4	14.30	14.50	<i>Feeding Strategies for Maximising Gross Margin in Pig Production</i> D. Alexander, P. Morel and G. Wood		
S3B	13.30	14.30	Parallel Session : OR Application II	C. Basnet	GB LT2
S3B1	13.30	13.50	<i>Inventory Control with Overtime and Premium Freight</i> E. Huggins and T. Olsen		
S3B2	13.50	14.10	<i>A Gibbs Sampler Approach to Estimate the Number of Faults in a System Using Capture-recapture Sampling</i> Y. Hayakawa and P.S.F. Yip		
S3B3	14.10	14.30	<i>IPmanager: A Microcomputer-based DSS for Intellectual Property Management</i> C. Basnet, L. Foulds and W. Parker		
	14.50	15.20	Afternoon Break		GB Foyer
S4	15.20	16.20	Software Session : Computers in OR – Demonstrations	T. Sarkar	GB LT1
			<i>Automated Load Planning</i> S. Brandon		
			<i>A Practical Application of Multi Criteria Methods Using Decision Support Software</i> K. Turner		
	16.20	16.30	Closing Ceremony	T. Sarkar	GB LT1