



# PATREC 2010 RESEARCH FORUM PROGRAM

Tuesday, 28 September 2010 , 8:30am — 5pm  
The University of Western Australia

8:30 - 9:00	<b>Arrival &amp; Registration - Tea &amp; Coffee served</b>	
9:00 - 9:15	<b>Welcome by Prof Greg Martin PSM, Executive Director, PATREC</b>	
9:15 - 9:45	<b>Keynote Presentation by</b> <b>Prof B. Curtis Eaton, Professor of Economics at the University of Calgary:</b> <b>"Is there a Role for Economics in the Management of Crown Corporations: Reflections for the Board Room of the British Columbia Ferry Corporation"</b>	
	<b>Seminar Room 1</b>	<b>Seminar Room 2</b>
9:50 - 10:20	System dynamics evaluation of traffic safety policy: a feasibility study <b>Yang Mian Goh, Curtin University</b>	Review of the Performance of Insitu Foamed Bitumen Stabilised Pavements in the City of Canning <b>Colin Leek, City of Canning</b>
10:20 - 10:50	WALGA's Local Government Safe System Project - moving best practice road safety into Local Government policy and practice <b>Andrea Smithson, WA Local Government Association</b>	Development of Hot-mix Asphalt Layer Thickness Design for Longer-Life Asphalt Pavements in Western Australia <b>Peerapong Jitsangiam, Curtin University</b>
10:50 - 11:20	Smart Safe School Bus <b>Prof Torbjorn Falkmer, Curtin University</b>	3D FE modelling of conventional segmental block pavers, and how mechanically-interlocking osteomorphic blocks can be a viable alternative. <b>David Yong, University of Western Australia</b>
11:20 - 12:00	<b>Lunch</b>	
	<b>Seminar Room 1</b>	<b>Seminar Room 2</b>
12:00 - 12:30	Identifying and Improving the Levels of Service provided by WALGA's "Report on Local government road Assets and Expenditure" <b>Mukul Soul, University of Western Australia</b>	Changing hands in aircraft maintenance - A flight safety concern <b>Devinder K Yadav, Edith Cowan University</b>
12:30 - 13:00	Transportation and Taxation: A Relationship but no marriage. <b>Prafula Pearce, Curtin University</b>	Structural Health Monitoring for Air Transport Safety <b>Graham Wild, Edith Cowan University</b>
13:00 - 13:30	The Skills Shortage in the Transport Discipline: "How do we manage this into the future or are we being "short-changed" by complacency? <b>Heidi Lansdell, Donald Veal Consultants</b>	Revenue management Considering consumer Choice Behaviour for a Regional Airline. <b>Jue Wang, The University of Western Australia</b>
13:30 - 14:00	Housing prices around Transit Orientated Developments <b>Doina Olaru, University of Western Australia</b>	Analysis of Carbon Pricing Models Based on Accountability in the context of Aviation Industry <b>Vidyasagar Potdar, Curtin University</b>
14:00 - 14:20	<b>Afternoon Tea</b>	
	<b>Seminar Room 1</b>	<b>Seminar Room 2</b>
14:20 - 14:50	Measuring the interaction of TOD and Activity Spaces - A geospatial analysis of the Southern suburbs Railway using kernel density estimation <b>Markus Botte, University of Western Australia</b>	Performance, Evaluation, and Enhancement of Hydrated Cement treated Crushed Rock Base (HCTCRB) as a Road Base material for Western Australia <b>Peerapong Jitsangiam, Curtin University</b>
14:50 - 15:20	Estimation of the Demand for Cycling End-of Trip Facilities within the City of Perth <b>Richard Isted, City of Perth</b>	An Investigation into the performance of Recycled Concrete Aggregate as a Base Course Material in Road Pavements <b>Colin Leek, City of Canning</b>
15:20 - 15:50	Transport safety for children with disabilities <b>Prof Torbjorn Falkmer, Curtin University</b>	A comparison of Car Following Models in Real-World Urban Traffic Situation <b>Sarah Peursum, Curtin University</b>
15:50—17:00	<b>Refreshments &amp; CY O'Connor Prize Award</b>	

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