

## Proceedings of Clients Driving Innovation International Conference 2004

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<b>Tuesday 26 October 2004</b>					
9:00	<b><u>Keynote Address – Innovative Asset Management</u></b> Vectors, visions and values – the essentials for innovation Prof Peter Brandon, University of Salford (UK) <a href="#">PAPER</a>				
9:45	<b><u>Keynote Address Visualisation and Information</u></b> 4D CAD and Collaboration Prof Martin Fischer, Stanford University (USA) <a href="#">PRESENTATION</a>				
10:30	<b>Morning tea:</b>				
11:00	<b><u>Keynote Address – Procurement and Risk Sharing</u></b> The Challenge of Change - Procurement V Supply Chain Management Mr Murray Coleman, Bovis Lend Lease (AUSTRALIA) <a href="#">PRESENTATION</a>				
	<b><u>Innovative Asset Management</u></b>	<b><u>Visualisation and Information</u></b>	<b><u>Procurement and Risk Sharing</u></b>	<b><u>Scholars Papers</u></b>	<b><u>CIB</u></b>
11:50	Session Keynote Presentation Neil Marshall, Construction Industry Engineering Services Group	Session keynote Presentation: Implementing an Enterprise Portal Adrian Burgess, Costain Ltd (UK) <a href="#">PRESENTATION</a>	Session Keynote Presentation Glenn Palin, John Holland Pty Ltd <a href="#">PRESENTATION</a>	111. Current State of Knowledge Management, Potential and Trends: Implications for  the Construction Industry (R) Tayyab Maqsood <a href="#">PAPER</a> <a href="#">PRESENTATION</a>	Important Launch Event: New international Task Group (TG58 of CIB) focussing on Clients and Construction Innovation. Be a Founder member and help shape the agenda
12:10	26. Improving the Management of Building Life Cycle: A Data Mining Approach (R) Wei Peng <a href="#">PAPER</a> <a href="#">PRESENTATION</a>	142. E-tendering: benefits, challenges and recommendations for practice (R) Rob Williams <a href="#">PAPER</a> <a href="#">PRESENTATION</a>	50. An Investigation into the link between healthcare facility design and service provision (R) Chris Landorf <a href="#">PAPER</a> <a href="#">PRESENTATION</a>	156. Implementation Issues for Building Product Models in Australia: A Framework for Investigation Cameron Beard (CS) <a href="#">PAPER</a> <a href="#">PRESENTATION</a>	

12:30	63. Owner Initiated Modernization of Bridge Safety Inspections (R) Thomas Mills <b>PAPER</b> <b>PRESENTATION</b>	46. Logic Programming in a Construction Planning Workbench (R) Gerardo Trinidad <b>PAPER</b> <b>PRESENTATION</b>	72. Innovative Benchmarks for Built Asset Performance – The Triple Bottom Line Approach (R) Terry Boyd <b>PAPER</b> <b>PRESENTATION</b>	70.A conceptual framework to investigate the performance of financial incentive mechanisms in construction projects (CS) Tim Rose <b>PAPER</b> <b>PRESENTATION</b>	
12:50	<b>Lunch</b>				
13:50	<b>Keynote Address – OH&amp;S The Caring Client</b> Occupational Health & Safety – The Caring Client Mr Bill Wild, John Holland Group (AUSTRALIA) <b>PAPER</b>				
	<b><u>Innovative Asset Management</u></b>	<b><u>Visualisation and Information</u></b>	<b><u>Procurement and Risk Sharing</u></b>	<b><u>Scholars papers</u></b>	<b><u>OH&amp;S The Caring Client</u></b>
14:40	104. Externalisation as a source of innovative asset management : The case of the transfer of the UK Department of Social Security estate to the private sector (R) Frederic Bougrain <b>PAPER</b> <b>PRESENTATION</b>	20. Studying Collaborative Design in High Bandwidth Virtual Environments (R) Zafer Bilda <b>PAPER</b> <b>PRESENTATION</b>	9. Sustainable suburbs - the developer's challenge (R) Michael Ambrose <b>PAPER</b> <b>PRESENTATION</b>	151. Sources and effects of uncertainty in the management of construction projects:federation square (CS) Agustin Chevez <b>PAPER</b> <b>PRESENTATION</b>	Session Keynote Achieving Breakthrough Performance in Safety Andrew Greig, Bechtel, Australia
15:00	136. Risk Assessment in Life-Cycle Costing for Road Asset Management (R) Neil Robertson <b>PAPER</b> <b>PRESENTATION</b>	143. ICT in the Australian construction industry: status, training and perspectives (R) Stephen Kajewski <b>PAPER</b> <b>PRESENTATION</b>	16. Non-Price Criteria for Selecting Innovative Contractors (R) Fredrik Waara <b>PAPER</b> <b>PRESENTATION</b>	68.Cre workshop part 1: comprehending the context (CS) Marcello Tonelli <b>PAPER</b>	
15:20	87. Creating a Proactive Decision Support Environment in Managing Road Traffic Noise (R) Saman De Silva <b>PAPER</b> <b>PRESENTATION</b>	21. Supporting Collaboration and Multiple Views of Building Models in Virtual Worlds (R) Mary Lou Maher <b>PAPER</b>	37. Sustainability at William McCormack place (CS) Delwyn Jones <b>PAPER</b> <b>PRESENTATION</b>	152. Risk factors leading to cost over-run in highway construction projects (CS) Garry Creedy <b>PAPER</b>	
15:40	<b>Afternoon tea</b>				

	<u>Innovative Asset Management</u>	<u>Visualisation and Information</u>	<u>Procurement and Risk Sharing</u>	<u>Innovative Asset Management</u>	<u>OH&amp;S The Caring Client</u>
16:10	51. Reliability Based Optimal Solution for Rehabilitation or Strengthening of Existing Bridge Structures (R) Sujeeva Setunge <b>PAPER</b> <b>PRESENTATION</b>	19. Automated Code Checking (R) Lan Ding <b>PAPER</b> <b>PRESENTATION</b>	41. Use of Alliance Contracting for Delivering Local Government Engineering Projects (R) David Thorpe and Guy Dugdale <b>PAPER</b> <b>PRESENTATION</b>	57. Forecasting property performance (R) Merv Cowley <b>PAPER</b> <b>PRESENTATION</b>	17. The benefit to clients of a zero accident and ill health culture, the UK's approach (R) Rodger Evans <b>PAPER</b>
16:30	116. Photonic Technologies in Smart Structures (R) Chris Scott <b>PAPER</b> <b>PRESENTATION</b>	140. Mapping planners' information-visualisation requirements for 4D CAD developments (R) Guillermo Aranda-Mena <b>PAPER</b> <b>PRESENTATION</b>	55. Development of the 'competitive toc' alliance - a client initiative (CS) Brad Cowan <b>PAPER</b>	53. Property in Business - Inefficiencies in Corporate Property Investment in Australia (R) Clive Warren <b>PAPER</b> <b>PRESENTATION</b>	39. Implementation of the national ohs strategy 2002-2012 (CS) Wayne Artuso <b>PAPER PRESENTATION</b>
16:50	110. Development of a user friendly guide for rehabilitation or strengthening of bridge structures using fibre reinforced polymer composites (R) Abe Nezamian <b>PAPER</b> <b>PRESENTATION</b>	22. The use of 3D and 4D CAD systems to reduce error rate and reworking in construction operations (R) Mary Hardie <b>PAPER</b> <b>PRESENTATION</b>	56. Lyell McEwin Health Service Redevelopment Stage A (CS) Judith Carr <b>PAPER</b> <b>PRESENTATION</b>	Construction Innovation – Economic Impact Modelling Study David Campbell <b>PRESENTATION</b>	
17:10	End of sessions				
18:30	Pre-Dinner Drinks				
19:00	Formal Conference Dinner Guest Speaker: Janet Holmes a Court Launch of ICALL Network				

(R) Indicates Refereed Paper

(CS) Indicates Case Study

Time	<b>Wednesday 27 October 2004</b>				
9:00	<p align="center"><b>Keynote Address International Innovation</b>            On the way towards a sustainable knowledge society - the European approach            Mr Pekka Huovila, VTT (FINLAND)  <b>PAPER</b>  <b>PRESENTATION</b></p>				
9:45	<p align="center"><b>Keynote Address – Visualisation and Information</b>            Modelling for multiple perspectives            Martin Betts, QUT (AUSTRALIA)  <b>PRESENTATION</b></p>				
10:30	<b>Morning tea:</b>				
11:00	<p align="center"><b>Keynote Address - Stakeholders</b>            Innovative ways of delivering improved satisfaction – How can clients lead the way?            Dr Keith Fatcher, EastPoint Ltd (CHINA)  <b>PAPER</b>  <b>PRESENTATION</b></p>				
	<b><u>Stakeholders</u></b>	<b><u>Capturing and Maintaining Clients Requirements</u></b>	<b><u>Scholars Papers</u></b>	<b><u>International Innovation</u></b>	<b><u>Procurement and Risk Sharing</u></b>
11:50	Session Keynote Presentation Michael Pyers, Housing Industry Association	Session Keynote Presentation Elizabeth Whatmore, Dept of Trade and Industry, UK	Knowledge Intensive Businesses and their Changing Demands for Fixed Assets (CS) Mike Hefferan <b>PRESENTATION</b>	Session Keynote Presentation Dennis Lenard, Constructing Excellence, UK <b>PRESENTATION</b>	106. Dynamic Capability for Construction Contractors (R) Li Liu <b>PAPER</b> <b>PRESENTATION</b>
12:10	130. A multiple-criteria decision model for accessibility assessment (R) Angela Lee <b>PAPER</b>	47. Standardisation and Pre-Assembly- Capturing Clients' Requirements (R) Martyn Pendlebury <b>PAPER</b> <b>PRESENTATION</b>	149. What about those ants? Swarm intelligence for virtual environments (CS) Ji Soo Yoon <b>PAPER</b> <b>PRESENTATION</b>	28. Implementing Innovation on Commercial Building Projects in Australia (R) Karen Manley, Mike Swainston <b>PAPER</b> <b>PRESENTATION</b> KM MS	105. A stage-by-stage factor control framework for cost estimation of construction projects (R) Kai Zhu <b>PAPER</b>
12:30	43. The Demanding and Rewarding Client (R) Ted Smithies <b>PAPER</b> <b>PRESENTATION</b>	2. Assessing the Owner's Role in Improving Constructability of Construction Projects in Indonesia (R) Bambang Trigunaryah <b>PAPER</b> <b>PRESENTATION</b>	155. Client Decisions and E.S.D. – The Story So Far(CS) Colin Greville <b>PAPER</b>	120. The development of 'soft' strategic indicators for international client satisfaction (R) Kerry London <b>PAPER</b> <b>PRESENTATION</b>	112. Procurement and risk sharing (CS) Ross Williams <b>PAPER</b> <b>PRESENTATION</b>
12:50	<b>Lunch</b>				
13:50	<p align="center"><b>Keynote Address - Performance Based Building</b>            Client-Driven Innovation through the Performance Approach and Value Management            Dr Greg Foliente, CSIRO (AUSTRALIA)  <b>PRESENTATION</b></p>				

	<u>Stakeholders</u>	<u>Capturing and Maintaining the Clients Requirements</u>	<u>Scholars papers</u>	<u>International Innovation</u>	<u>Performance Based Building</u>
14:40	25. Raising the performance bar: gauging asset management improvement in a government context (R) David Ness and Bill Lambie <b>PAPER</b> <b>PRESENTATION</b>	83. Front-loading the Building Design Process for Environmental Benefit (R) Steve Watson <b>PAPER</b> <b>PRESENTATION</b>	71. GreenSmart housing case study – successes and lessons (CS) David Luxmore <b>PAPER</b> <b>PRESENTATION</b>	1. Triple Bottom Line: Its Relevance to the Construction Industry (R) Don Dingsdag <b>PAPER</b> <b>PRESENTATION</b>	146. Stakeholder Engagement in the Performance Approach – the Australian and European Performance Based Building Networks (R) Greg Foliente <b>PAPER</b> <b>PRESENTATION</b>
15:00	58. Organisational structure, culture and commitment: an Australia public sector case study (CS) Fiona Cheung <b>PAPER</b> <b>PRESENTATION</b>	49. Townsville Bulk Sugar Terminal Expansion- Innovation in Action (CS) Cameron Gillanders <b>PAPER</b> <b>PRESENTATION</b>	141. Achieving Sustainability in the 21 <sup>st</sup> Century (CS) Ned Wales <b>PAPER</b> <b>PRESENTATION</b>	133. Demonstrating excellence through client engagement (CS) Dennis Lenard <b>PAPER</b> <b>PRESENTATION</b>	The European Construction Products Directive and its Implications for Australian Industry Lam Pham <b>PRESENTATION</b>
15:20	107. Way-finding in the built environment (CS) Dennis Hogan <b>PAPER</b> <b>PRESENTATION</b>	79. Re-engineering Scope Management (CS) Harry Carrick <b>PAPER</b>	145. Assisting interactions in a dynamic design process: a new role for an adaptive design tool (CS) Wei Peng <b>PAPER</b>	64. A Regional Model For Innovation And Cultural Change In The Construction Industry (R) Carol Abbott <b>PAPER</b> <b>PRESENTATION</b>	Service Life Performance and Planning of the Built Environment - European Developments Selwyn Tucker <b>PRESENTATION</b>
15:40	<b>Afternoon tea:</b>				
	<u>Stakeholders</u>	<u>Capturing and Maintaining the Clients Requirements</u>	<u>Procurement and Risk Sharing</u>	<u>International Innovation</u>	<u>Performance Based Building</u>
16:00	82. Industry Culture: Challenges to the Successful Implementation of Innovative Change (R) Achim Weippert <b>PAPER</b> <b>PRESENTATION</b>	153. Web-based collaboration tools for the construction industry: the John Holland experience (CS) Claudelle Taylor <b>PAPER</b> <b>PRESENTATION</b>	125. Declining standards of project documentation quality in the building & construction industry (CS) Trevor Parminter <b>PAPER</b> <b>PRESENTATION</b>	30. Achieving relevant construction research through industry-university partnerships (R) Chris Clifton <b>PAPER</b> <b>PRESENTATION</b>	Performance Criteria for Healthy Indoor Environments Philip Paevere <b>PRESENTATION</b>
16:20	109. Use of 'VR walkthrough panorama' technology to assess public perceptions of personal safety on railway stations (R) Richard Neale <b>PAPER</b> <b>PRESENTATION</b>	96. Capturing requirements in support of a performance-based management approach to Facilities Capital Asset Management at the US Coast Guard (CS) Greg Foliente <b>PRESENTATION</b>	84. The Development and Use of Secondary Performance Indicators for measuring Project Health (R) Matthew Humphreys <b>PAPER</b> <b>PRESENTATION</b>	54. A building sustainability assessment framework (R) Phillipa Watson <b>PAPER</b> <b>PRESENTATION</b>	Environmental Labelling of Manufactured Products – Australia's Opportunity to Catch Up With International Trade Steve Brown <b>PRESENTATION</b>

16:40	60. Social responsibility, sustainability and the triple bottom line: Bringing building stakeholders back in (R) Philip Kimmet <b>PAPER</b>	118. Necessary skills and practices required for effective participation in high bandwidth design team activities. (R) Tom Bellamy <b>PAPER</b> <b>PRESENTATION</b>	114. OH & S Building and Construction Industry Perspectives (R) Ross Williams <b>PAPER</b> <b>PRESENTATION</b>	124. Systematic Performance Requirements Management of Built Facilities (CS) Pekka Houvila <b>PAPER</b> <b>PRESENTATION</b>	23. Value adding in 3D CAD models for environmental assessment of buildings (R) Selwyn Tucker <b>PAPER</b> <b>PRESENTATION</b>
17:00	Closing Remarks by Dr Keith Hampson				

(R) Indicates Refereed Paper

(CS) Indicates Case Study

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