


# CIB W099 Conference Program 2009

## Working Together: Planning, Designing and Building a Healthy and Safe Construction Industry

(subject to change)

Wednesday 21 October 2009

0800-0900	Registration Open
0900-0910	<b>Opening Remarks by Conference Chair</b> Prof Helen Lingard, RMIT School of Property Construction and Project Management <b>The need for a whole of industry approach to construction OH&amp;S</b>
<b>Improving OHS in the Construction Industry – Getting the Policy Right</b> (Room: Conference 1&2)	
0910-0940	<b>Federal Government Policy</b> Helen Marshall, Federal Safety Commissioner
0940-1010	<b>The Implications of the Model OH&amp;S Regulations on the Construction Industry</b> Barry Sherrif - Lead Partner, Freehills
1010-1040	Chris Webb, Director, Construction and Utilities Programme, WorkSafe Victoria
1040-1110	Morning Tea (foyer)
1110-1140	<b>The US Policy Approach – The National Occupational Research Agenda</b>  Matthew Gillen, Construction Sector Program Coordinator, National Institute for Occupational Safety and Health (NIOSH), USA <b>Sponsored by</b> <div style="float: right; text-align: center;">   <b>Australian Government</b>                      Department of Education, Employment                      and Workplace Relations                      Office of the Federal Safety Commissioner                 </div> This speaker is sponsored by the Office of Federal Safety Commissioner
1140-1210	<b>The Practice-to-research-to-practice (P2R2P) Challenge in the U.S.</b> Prof Brian Kleiner - Director, Centre for Innovation in Construction Safety and Health, Virginia Tech., USA
1210-1220	<b>Ensuring Professional Competence in Construction OHS</b> Sue Pilkington FSIA, President of the SIA's Victoria Division
1220-1330	Lunch (foyer)
<b>OH&amp;S, Risk and Culture Workshop</b> <b>Facilitated by Carl Luttig - Chief Executive Officer, Zeal Consulting</b> (Room: Conference 1&2)	
1330-1350	<b>Risk, Culture and the Challenge of Transforming an Industry</b> Carl Luttig - Chief Executive Officer, Zeal Consulting
1350-1410	Bernie Cooper - Chief Executive Officer, Silcar
1410-1430	Dr Tony Golsby-Smith – Director, 2nd Road
1430-1450	John Merritt - Executive Director, WorkSafe Victoria
1450-1530	<b>Panel discussion of the issues and opportunities to achieve a culture shift in the construction industry.</b>
1530-1600	Afternoon Tea (Broadway Room)
1600-1805	<b>Opening Remarks by the Hon. Tim Pallas, Victorian Minister for Roads and Ports</b> <b>Welcome Address by Peter Godfrey - National President, Engineers Australia</b> <b>Safer Construction - The Development of a Guide to Best Practice</b> Peter Scuderi - Chief Operating Officer, CRC for Construction Innovation <b>Safer Construction – The Constructor's View</b> Bill Wild - Chief Operating Officer, Leighton Holdings <b>Safer Construction – The Client's View</b> Peter Verwer - Chief Executive Officer, The Property Council of Australia <b>Safer Construction – The Designer's View</b> Peter Scott - Chairman, Sinclair Knight Mertz <b>Panel Discussion and Summing Up</b> Peter Godfrey - National President, Engineers Australia
1805-1900	Drinks and Light Refreshments (Broadway Room & foyer)

Thursday 22 October 2009

0900-1030	<b>Plenary Session (Room: Conference 1&amp;2).</b>		
	Prof. Alistair Gibb <b>What Really Causes Accidents</b>		
	A/Prof. John Gambatese <b>Designing for Construction Safety and Health: From Research to Practice</b>		
	Prof. Fang Dong Ping <b>Key Issues in Construction Safety Culture Study</b>		
1030-1100	Morning Tea (foyer).		
1100-1230	<b>Designing for Construction Workers' OHS</b> Chair: Prof. Thomas Mills Room: Conference 1&2 Concurrent Session 1.1	<b>ICT</b> Chair: Dr Frank Boukamp Room: Conference 3 Concurrent Session 1.2	<b>Organizational Issues</b> Chair: Dr Billy Hare Room: Legends Concurrent Session 1.3
1100-1115	<b>Industry Keynote Speaker</b> <b>Paul Breslin</b> Moving towards national harmonisation in Australia: The designers' duty of care for designing buildings and structures.	<b>Greg Chan</b> Safety hazard identification by adopting multi-dimensional simulation at early design stage for the construction industry.	<b>Susanne Tepe &amp; John Barton</b> OHS world views: Implications for practice of OHS in construction.
1115-1130		<b>Tim Howarth</b> Using enquiry-based learning and multimedia innovation to enhance construction site hazard management education.	<b>Carlos Ferreira, Dulcy Abraham &amp; Fred Mannering</b> Evaluation of workers' perception about occupational injuries in work zones.
1130-1145	<b>John Gambatese, Alistair Gibb, Phil Bust &amp; Michael Behm</b> Industry's perspective of design for safety regulations.	<b>Elke Wagener &amp; Patrick Zou</b> E-learning for construction safety training in the Australian construction industry.	<b>Jimmie Hinze &amp; Milind Gholap</b> Tracking the causes of first aid injuries.
1145-1200	<b>Rafiq Choudhry, Helen Lingard &amp; Nick Blismas</b> Designing for safety: Perspectives from the European Union, United Kingdom, Australia and United States pertaining to safety and health in construction.	<b>Imriyas Kamardeen</b> Web-based safety knowledge management system for builders: A conceptual framework.	<b>Stephen Tze-man Kong &amp; Steve Rowlinson</b> The organizational culture of safety.
1200-1215	<b>Tim Howarth &amp; Dan Clements</b> Designers' health and safety risk assessment practice: A case study of a U.K. architectural practice.	<b>Svetlana Olbina, Jimmie Hinze &amp; Raymond Issa</b> Developing a strategy for integration of designing for construction worker safety and building information modeling.	<b>Yingbin Feng &amp; Evelyn Ai-Lin Teo</b> Safety investment and safety performance of building projects in Singapore.
1215-1230	Q. & A.	Q. & A.	Q. & A.
1230-1330	Lunch (Locanda).		
1330-1500	<b>Designing for Construction Workers' OHS</b> Chair: A/Prof. John Gambatese Room: Conference 1&2 Concurrent Session 2.1	<b>Health and Wellbeing</b> Chair: Prof. Brian Kleiner Room: Conference 3 Concurrent Session 2.2	<b>Managing a Diverse Workforce</b> Chair: Dr. Michael Behm Room: Legends Concurrent Session 2.3
1330-1345	<b>Industry Keynote Speaker</b> <b>Alan Kassar</b> Safety in design approach from designers' perspective.	<b>Jimmie Hinze &amp; Svetlana Olbina</b> Current U.S. drug testing practices.	<b>Ian Fitzgerald &amp; Tim Howarth</b> A study of migrant worker health and safety issues in the U.K. construction industry.
1345-1400		<b>Sam Wamuziri &amp; Simona Simeone</b> Appraisal of workplace drug testing by U.K. construction contractors.	<b>Herve Leblanc &amp; Billy Hare</b> The influence of age in the safety perceptions of construction workers: A French case study.
1400-1415	<b>Thomas Mills</b> Constructor led construction hazard prevention through design (CHPID).	<b>Michelle Turner, Helen Lingard &amp; Valerie Francis</b> The application of q-sort methodology to identify and rank strategies to promote work-life balance, health and wellbeing in construction projects.	<b>William Maloney &amp; Kevin J Real</b> Occupational communities and safety culture.
1415-1430	<b>Innocent Musonda &amp; Theo Haupt</b> A pilot study in Botswana's construction industry on designers' will and capacity to design for health and safety.	<b>Sharon Cook, John Richardson, Alistair Gibb, Phil Bust &amp; Joanna Leaviss</b> Raising awareness of the occupational health of older construction workers.	<b>Nick Davis &amp; Alistair Gibb</b> Factors that increase health and safety risks for migrant construction workers.
1430-1445	<b>Patrick Zou, Wilson Yu &amp; Adam C.S Sun</b> An investigation of the viability of safety risks at design of building facilities in Australia.	<b>Swapan Saha &amp; Mary Hardie</b> Management and protection of hearing at construction sites.	
1445-1500	Q. & A.	Q. & A.	Q. & A.
1500-1530	Afternoon Tea (foyer)		
1530-1700	<b>Talking Safety</b> Chair: Prof. Jimmie Hinze Room: Conference 3 Concurrent Session 3.1	<b>Client-led OHS</b> Chair: Dr Nick Blismas Room: Legends Concurrent Session 3.2	<b>Safety Culture and Leadership</b> Chair: Prof. Herbert Biggs Room: Conference 1&2 Concurrent Session 3.3
1530-1545	<b>Industry Keynote Speaker</b> <b>Gerry Ayers</b> Consultation, organizational maturity and influential decision making at the workplace: Has the construction industry the maturity to allow OHS representatives real influence in the OHS decision making process?	<b>Matthew Hallowell &amp; James Tabata</b> The role of state DOTs in highway work zone safety management.	<b>Industry Keynote Speaker</b> <b>Dean Cipolla</b> Building risk aware culture.
1545-1600		<b>John Smallwood</b> The coordination of health and safety (H&S) and the integration of H&S into projects and the construction process.	
1600-1615	<b>Billy Hare &amp; Iain Cameron</b> Pictorial aids for communicating health and safety.	<b>Tracy Choi, Daniel Chan &amp; Albert Chan</b> An investigation of the current application and future development of the pay for safety scheme (PFSS) in Hong Kong.	<b>Ashley Goggin &amp; Jeff H. Rankin</b> Assessing safety management practices and their impact on performance in the Canadian construction industry through organizational maturity.
1615-1630	<b>Phil Wadick</b> Challenges to effective OHS consultation on large civil construction projects.	<b>Mark Shelbourn, David Kerr and Andrew Hill</b> E-health & safety: Building a case for collaborative working.	<b>Evelyn Ai-Lin Teo</b> Culture: Improving site safety is every stakeholders responsibility.
1630-1645	<b>Patrick Manu, Nii Ankrh, David Proverbs, Suresh Subashini &amp; Eddie Callaghan</b> Subcontracting versus health and safety: an inverse relationship.	<b>Mr Timothy French</b> Evaluation of model clients in the Australian construction industry.	<b>Qian Chen &amp; Thomas Mills</b> Dynamic interplay between safety culture and workforce diversity.
1645-1700	Q&A	Q&A	Q&A
1900-2300	Conference Dinner <b>The Melbourne Aquarium</b>		

**Friday 23 October 2009**

0900-1030	<b>Plenary Sessions (Conference 1&amp;2)</b>		
	<p><b>Prof. Helen Lingard</b> Integrating industry, research and education to improve OHS outcomes in construction</p> <p><b>Matthew Gillen</b> National Occupational Research Agenda (NORA) Strategic Research and Practice Goals – Researcher Perspectives</p> <p><b>Prof. Brian Kleiner</b> Comparative Analysis of U.S versus Australia Governmental Guidance for Construction Safety and Health Measurement and Evaluation</p>		
1030-1100	Morning Tea (foyer)		
1100-1230	<p><b>Professional Practice</b> Chair: <i>Bryan Hubbard</i> Room: Conference 3 Concurrent Session 4.1</p>	<p><b>Safety Culture and Leadership</b> Chair: <i>Prof. John Smallwood</i> Room: Conference 1&amp;2 Concurrent Session 4.2</p>	<p><b>OHS Training</b> Chair: <i>A/Prof. Susanne Tepe</i> Room: Legends Concurrent Session 4.3</p>
1100-1115	<p><b>Daniel Tow &amp; Martin Loosemore</b> Improving ethical standards and safety in the construction and engineering industry.</p>	<p><b>Don Dingsdag, Herbert Biggs &amp; Colette Roos</b> A practical guide to safety leadership in the construction industry.</p>	<p><b>Phil Wadick</b> Adult education theory and learning safety: What next? The case for a learning circle approach to training for workers with low literacy.</p>
1115-1130	<p><b>Fernada Rodrigues &amp; Claudino Cardoso</b> Health and safety in civil engineering education: A case study.</p>	<p><b>Carol Hon &amp; Albert P C Chan</b> Safety climate: Recent developments and future implications.</p>	<p><b>Richard Neale, Fiona Murie &amp; Edmundo Werna</b> Construction OS&amp;H: A comprehensive training package by the international labour office.</p>
1130-1145	<p><b>Ciaran McAleenan &amp; Philip McAleenan</b> An exploration of structured and flexible approaches to recognising engineering competence.</p>	<p><b>Quan Zhou, Wei Tang, Fang Dong-Ping &amp; Tianxiang Wang</b> Organizational safety climate in construction: The development of instrument and factor structure.</p>	<p><b>Matthew Hallowell</b> A safety and productivity simulation game.</p>
1145-1200	<p><b>Michael Behm, T.J. Lentz, Donna Heidel &amp; John Gambatese</b> Prevention through design and green buildings: A U.S. perspective on collaboration.</p>	<p><b>Helen Lingard, Tracy Cooke Nick Blismas</b> Group safety climate in the construction industry: An analysis of strength and level.</p>	<p><b>Jim Carr</b> The national association of home builders' safety education and training efforts.</p>
1200-1215	<p><b>David O'Brien &amp; Hamish Hill</b> Safe 'n' sound: Building with indigenous workforces in Australia and Thailand.</p>	<p><b>Samantha Porri &amp; Tim Howarth</b> An investigation of safety climate within a large U.K. main contracting construction organization.</p>	<p><b>Martin Loosemore, Florence Phua, Kevin Dunn &amp; Umut Ozguc</b> Operative experiences of cultural diversity on Australian construction sites – implications for safety and well-being.</p>
1215-1230	Q&A	Q&A	Q&A
1230-1330	Lunch (Locanda)		
1330-1500	<p><b>Hazard / Risk Management</b> Chair: <i>Prof. Ron Wakefield</i> Room: Conference 1&amp;2 Concurrent Session 5.1</p>	<p><b>Organizational Issues</b> Chair: <i>Prof. Martin Loosemore</i> Room: Conference 3 Concurrent Session 5.2</p>	<p><b>International Construction</b> Chair: <i>Dr Evelyn Teo</i> Room: Legends Concurrent Session 5.3</p>
1330-1345	<p><b>Bryan Hubbard, Beauregard Middaugh, Neil Zimmerman &amp; James McGlothlin</b> Utilizing an analytic hierarchy process (AHP) to assess concrete saws with silica dust reduction equipment.</p>	<p><b>Industry Keynote Speaker</b> <b>Paul McDonald</b> Partnering: Better business imperatives</p>	<p><b>Yu Sun, Fang Dong-ping &amp; Jimmie Hinze</b> Safety and health risks in international construction.</p>
1345-1400	<p><b>Rebecca Loudoun</b> An examination of injuries at work by young males in construction by time of day.</p>		<p><b>Yi Hu &amp; Yi Yun</b> Safety management of expo 2010 Shanghai China.</p>
1400-1415	<p><b>Wan Zaharuddin &amp; Ioanis Paraskevas &amp; Chunlu Liu</b> Accident avoidance importance for building demolition.</p>	<p><b>Anthony Mills &amp; Timothy French</b> Implementing occupational health and safety in small construction enterprises.</p>	<p><b>Ping Yung</b> Factors affecting construction safety performance in China during transition.</p>
1415-1430	<p><b>M. Venugol, T. Cheng, B. Allread, Clare Fullerton, Jochen Teizer, Mathew Reynolds &amp; Jimmie Hinze</b> Using technology to warn construction workers of danger.</p>	<p><b>Herbert Biggs, Donald Dingsdag &amp; Philip Kirk</b> Development of safety effectiveness indicators for use in the construction sector.</p>	<p><b>Chansik Park, Chi-Don Oh &amp; Jaehun Yang</b> A web construction failure information system using case-based reasoning in Korea.</p>
1430-1445	<p><b>Riza Sunindijo &amp; Patrick Zhou</b> Investigating the potential relationships between project manager skills and project safety performance.</p>	<p><b>Phil Wadick</b> Safety culture among subcontractors in the domestic housing construction industry.</p>	
1445-1500	Q&A	Q&A	Q&A
1500-1530	Afternoon Tea (foyer)		
1530-1630	<p><b>CIB W099 Commission Meeting</b> Chair: <i>Prof Alistair Gibb</i> Room: Legends Concurrent Session 6.1</p>	<p><b>Special Workshop on OHS in Construction Education</b> Chair: <i>Prof. Steve Rowlinson</i> Room: Conference 1&amp;2 Concurrent Session 6.2</p>	
1530-1545		<p><b>Tim Howarth</b> A web of possibilities: Using web2 technologies to enhance construction health and safety pedagogy.</p>	
1545-1600		<p><b>Prof. Thomas Mills &amp; Prof. James Carr</b> An international consortium for construction safety and health research and research to practice dissemination.</p>	
1600-1615		<p><b>Prof. John Smallwood</b> Construction management health and safety (H&amp;S) course content: Towards the optimum.</p>	
1615-1630		<p><b>Phil Wadick</b> OHS education for professionals/practitioners in the construction industry.</p>	
1630-1640		Q&A	
1640-1700	<p><b>Conference Close and Summing Up (Conference 1&amp;2)</b> Prof Helen Lingard, RMIT School of Property, Construction and Project Management</p>		