



INTERNATIONAL COST ENGINEERING COUNCIL

4TH WORLD CONGRESS

Incorporating Congresses of the AAQS and PAQS

CAPE TOWN INTERNATIONAL CONFERENCE CENTRE

SOUTH AFRICA

PROGRAMME

PROVISIONAL
SUBJECT TO CHANGE

SATURDAY 17TH APRIL 2004

08:00-17:00	REGISTRATION		Foyer
09:00-12:30	Pacific Association of Quantity Surveyors meetings		M1
13:30-17:00	ICEC Council:		M1
14:00-18:00	Workshop 1: Benchmarking the organisational competences of Project-oriented Companies.	Prof Roland Gareis (Austria)	W1
	Workshop 2: Innovative Property Financing.	Ms Cathy Evans (South Africa)	W2
	Workshop 3: Process Technology for Cost Engineers	Dr Maarten Vrijland (Netherlands)	W3

SUNDAY 18TH APRIL 2004

09:00-16:00	ICEC Council:		M1
	Workshop 3: Process Technology for Cost Engineers - CONTINUED	Dr Maarten Vrijland (Netherlands)	W3
	Workshop 4: Facilities Management: Value beyond cost: New Career Opportunities	Mr Arthur Coy (South Africa)	W1
	Workshop 5: Innovative Practical Project Management	Prof Herman Steyn (South Africa)	W2
17:00	Speakers' Briefing	Mark Grant / Basie Verster	
14:00-20:00	REGISTRATION		Foyer
18:00-20:00	WELCOME RECEPTION		Exhibition Hall

MONDAY 19th APRIL 2004

07:30 12:00	REGISTRATION	Foyer										
08:55- 09:45	OPENING PRESENTATION: Denis Beckett A1	Plenary Hall										
09:45- 10:05	TEA	Exhibition Hall										
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: center;">QUANTITY SURVEYING</td> <td style="width: 5%; text-align: center;">Venue</td> <td style="width: 25%; text-align: center;">COST ENGINEERING</td> <td style="width: 5%; text-align: center;">Venue</td> <td style="width: 25%; text-align: center;">PROJECT MANAGEMENT</td> <td style="width: 5%; text-align: center;">Venue</td> <td style="width: 20%; text-align: center;">GENERAL</td> <td style="width: 5%; text-align: center;">Venue</td> <td style="width: 10%; text-align: center;">DISPUTES / CONTRACT LAW / EDUCATION</td> <td style="width: 5%; text-align: center;">Venue</td> </tr> </table>	QUANTITY SURVEYING	Venue	COST ENGINEERING	Venue	PROJECT MANAGEMENT	Venue	GENERAL	Venue	DISPUTES / CONTRACT LAW / EDUCATION	Venue	
QUANTITY SURVEYING	Venue	COST ENGINEERING	Venue	PROJECT MANAGEMENT	Venue	GENERAL	Venue	DISPUTES / CONTRACT LAW / EDUCATION	Venue			
10:10- 10:40	Integrated project teams and supply chains: what does it mean for the construction professional ? D Lenard for RICS Q1	Risk management for cost and schedule managers. AC Hamilton (USA) C1	B 1	Factors influencing risk management in cost planning and control of building projects G Wanyona, P Bowen (RSA) P1	B 2	Architecting the Raytheon Production Cost Model. G Stratton, Q Redman, M Kehret (USA) Presented by K Humphreys G1	B 3	Charting A successful dispute resolution O Belcher (USA) D1	B 4			
10:50- 11:20	Hospital planning benchmark study P Cox (Australia) Q2	The reform of China's Construction Cost Management after entering the World Trade Organisation Ma Guizhi (China) C2	B 1	Commissioning Planning – A Sasol Technology approach D Bosch (South Africa) P2	B 2	Business Case Analysis: A new project management method or just an investment decision method ? R Gareis (Austria) G2	B 3	Pay up ! S-L Ong (Malasia) D2	B 4			
11:25- 11:55	Dos and Don'ts for e-tendering E Seah (Singapore) Q3	2002 Japanese Chemical Plant cost trend (as compared with USA and UK). Y. Saito (Japan) C3	B 1	Extension of time analysis – methodology & mythology T Farrow (Netherlands) P3	B 2	Organisational culture profiles of the construction enterprises in China S Yhang, Anita Liu (Hong Kong) G3	B 3	The introduction of CECA's network education system L Shi (China) E1	B 4			
12:05- 12:45	Cost Management Futures: A scenario for the cost management professional to creatively restructure and advance the body of knowledge in an ever changing world						Dennis Lenard (Australia) A2	Plenary Hall				
12:50- 13:50	LUNCH							Exhibition Hall				
14:00- 14:40	Project Management in crisis						Jim Zack (USA) A3	Plenary Hall				
	QUANTITY SURVEYING	Venue	COST ENGINEERING	Venue	PROJECT MANAGEMENT	Venue	RISK AND VALUE	Venue	VALUE ENGINEERING	Venue		
14:50- 15:20	Quantity Surveying Forum: A debate on the future of the profession. Introduction. M A Oladapo (Nigeria)	P	Interactive Road Map to conceptual (process plant) cost estimates C L Kinney (UK) C4	B 1	Assessment of competence qualification for project management and controls R Plumb (UK) P4	B 2	Construction and the environment. – general contractor perceptions and practices J Smallwood (RSA) R1	B 3	Value beyond indicators in international projects. N Postavaru, V Simionescu (Romania) V1	B 4		
15:25- 15:55	The architectural and quantity surveying professions in South Africa – are they suffering from a terminal illness? R Pearl (RSA)		The introduction of the Earned Value principle to the South African Gold Mining industry A D Milne (RSA) C5	B 1	Quality management in a professional office – adding value or not ? J H Cruywagen (RSA) P5	B 2	The management of risk during the construction of the Chian Yangtze Gorges P Cheng, M Zu (China) R2	B 3	The value of practice and experience of engineering, procurement and construction (EPC) in small and medium hydro-electric power station projects Q Li (China) V2	B 4		
16:00- 16:30	Strategies and the future of the QS profession. M Grant (RSA) A comprehensive cost management model. JJP Verster (RSA) Q4		Estimating in 3D: The next dimension A Barmania, L McMullan (Canada) C6	B 1	A new mechanism for construction management systems of wind power development to reduce cost and improve economy S Zhou, D Li (China) P6	B 2	The Pebble Bed Modular Reactor (PBMR) Risk Management System – A case study G Ker-Fox (RSA) R3	B 3	The integration of the Value Methodology (Value Management / Value Engineering) into the Capital Project Execution Process KJ Huber (RSA) V3	B 4		
16:40- 17:20	New markets, value and cost engineering ??????						Edward Tang (Singapore) A4	Plenary Hall				
18:00	Africa Association of Quantity Surveyors Council Meeting							To be advised				

TUESDAY 20th APRIL 2004

08:00-08:55	TEA								Exhibition Hall	
09:00-09:40	Added value: An urban and regional planning perspective Gerrit Jordaan (RSA)								Plenary Hall	
	QUANTITY SURVEYING	Venue	COST ENGINEERING	Venue	PROJECT MANAGEMENT	Venue	CLIENT VIEWS	Venue	DISPUTES / CONTRACT LAW	Venue
09:50-10:20	Trends in the Australian Quantity Surveying Profession 1995 - 2003. P Smith (Australia) Q5	P	Cost estimation for the optimum design of welded structures. K Jarmai, P Uys, J Farkas (Hungary & RSA) C7	B 1	Code of Practice for classification of construction information M J Maritz (RSA) P7	B 2	Tuning into your client. Ginette Basak (Canada) W1	B 3	Managing the expert's documents during litigation JAJ Anderson (USA) L1	B 4
10:25-10:55	Behind big shoulders G Tung (Hong Kong) Q6	P	Controlling the influence of foreign exchange and escalation on capital projects, in the South African context. E Kapp (RSA) C8	B 1	Project execution planning for cost and schedule managers. A C Hamilton (USA) P8	B 2	A critical review and evaluation of the ethical standards existing in the built environment professions. N Gungapersad, R Pearl, P Bowen (RSA) W2	B 3	The value of efficient contract documents: Conditions and mediation B Swart (RSA) L2	B 4
11:00-11:15	TEA								Exhibition Hall	
11:20-11:50	Stakeholder attitudes to criteria used for the pre-qualification of construction contractors A Mills (Australia) Q7	P	Development of an integrated business and career model for cost engineering K Matheys (RSA) C9	B 1	Application of reliability based limit state theory to contingency management JV Retief, GM Ker-Fox (RSA) P9	B 2	Quantifying the Consequences of Maintenance Budget Cuts J McDuling, E Horak, C Cloete (RSA) W3	B 3	Disputes resolved, costs compiled and apportioned to the value of the project. P Ferrao (China) D3	B 4
11:55-12:25	Branding the Quantity Surveying profession to meet the challenges of built the environment J O Ajanlekoko (Nigeria) Q8	P	Dynamic cost systems to deliver real value. L vd Dussen (RSA) C10	B 1	Owner/client DNA analysis/modelling for wealth maximisation S Keller, MJF Köster (RSA) P10	B 2	Optimization of a dynamic plan of an annual programme for public construction. R Spaic (Italy) W4	B 3	Cultural differences in dispute resolution between Contractor and Consultant in construction projects. R Rameezdeen (Sri Lan) D4	B 4
12:30-13:20	LUNCH								Exhibition Hall	
13:30-14:10	Scenarios: The quest for knowledge about the future André Roux (RSA)								Plenary Hall	
	QUANTITY SURVEYING	Venue	COST ENGINEERING	Venue	PROJECT MANAGEMENT	Venue		Venue	VALUE ENGINEERING	Venue
14:20-14:50	Challenges in Quantity Surveying: Procuring the future. G. Brümmer (RSA) Q9	P	China engineering cost consulting: The present situation and development Y Cheng, Q Wang, Q Fang (China) C11	B 1	Optimum cost: The role of health and safety J Smallwood (RSA) P11	B 2		B 3	The potential of quantity surveyors in South Africa, New Zealand, Australia and Sri Lanka to offer a value management service: A comparative study. Roelf Visser (RSA) V4	B 4
15:00-15:30	Earned value in Quantity Surveying versus other environments. J Prentice (USA) Q10	P	Quota: An important factor in the reform of China's construction cost Yan Xiaoyan Luxiaochun (China) C12	B 1	Comprehensive analysis of construction projects implementation T Kasprowicz (Poland) P12	B 2		B 3	Do project controls really add value? D Dow (Australia) V5	B 4
15:40-16:10	Application of the enterprise cost norm in the bills of quantities Z Diao, S Cao (China) Q11	P	Cost analysis of bolted and welded frame connections. J Farkas, P Uys, K Jarmai (Hungary & RSA) C13	B 1	Exploring relationship management as a business strategy for construction project management E Lau (Hong Kong) P13					

16:20-17:00	A Maturity Model of the Project-oriented Society	Roland Gareis (Austria)	A7	Plenary Hall
19:00-23:00	GALA DINNER			Ballroom - East

WEDNESDAY 21st APRIL 2004

08:00-08:55	TEA				Exhibition Hall					
09:00-09:45	The Africa Association of Quantity Surveyors – the president's view The Pacific Association of Quantity Surveyors – the president's view			Corné de Leeuw (RSA) Ong See-Lien ()	A8	Plenary Hall				
	QUANTITY SURVEYING	Venue	COST ENGINEERING	Venue	PROJECT MANAGEMENT	Venue	EDUCATION	Venue	VALUE ENGINEERING	
09:55-10:30	Determination of replacement, insurance base and residual (Including rehabilitation) values for capital assets. M C Erasmus (RSA) [Q12]	P	Reliability and Accuracy of estimates S Boeschoten (Netherlands) [C14]	B 1	[P14]	B 2	Academic Forum: Undergraduate and post-graduate programmes. Future trends in cost- and project-management. Current Research. Internationalisation Chaired by D Lenard (Australia) [E1]	B 3	Real time-earned value. K Heathcote (Australia) [V6]	B 4
10:40-11:15	Traditional methods: How valuable is your estimate HJ Marx (RSA) [Q13]	P	Cost engineering for UK railway track maintenance and renewal D Ling, R Roy, V Taratoukhine (UK) [C15]	B 1	[P15]	B 2		B 3	Cost overrun in the public sector, a case study M Vrijland (Netherlands) [V7]	B 4
11:25-12:00	Sell but not pay G Y M Tung (Hong Kong) [Q14]		Vista of China's Engineering Consultants in the New Environment. Y Yin, Z Ping (China) [C16]	B 1		B 3		B 3	Pre-construction design cost management techniques: a tool for value management in construction projects. AS Oyegoke (Finland) [V8]	B 4
12:10-12:40	CLOSING SESSION				Len Harris - Congress Chairman	A9	Plenary Hall			
12:35-14:00	FAREWELL BUFFET				Exhibition Hall					

PROVISIONAL
SUBJECT TO CHANGE

THURSDAY 22nd APRIL 2004

07:30 -	Workshop 6: Capital cost estimating, contingency and risk analysis: Determining the project capital cost and probability of cost over-runs Dr Ken Humphreys (USA)	W1
09:00-09:45	Workshop 7: Project Execution Planning Allen C Hamilton (USA)	W2
09:45-10:05	Workshop 8: Earned Value: The Mining Access Development Project A D Milne (RSA)	W3