

Thursday 18/3	Time	Activity and Venue Diamond 450	Activity and Venue Emerald 50 - 100	Activity and Venue Crystal 70 - 160	
	08h00 – 18h00	Exhibition			Exhibition hall
	07h00 – 08h30	Registration desk open			CSIR ICC Foyer
	08h30 – 09h15	Plenary Session Nazir Alli – CEO of SANRAL <i>Improved transport and road network management and implications for the civil engineering industry</i>			
	09h15 – 09h30	Catch your breath and join a session			
	09h30 – 10h30	Sustainable transportation ▪ <i>Joule vehicle – Dr Kobus Meiring</i>	Geotechnical Engineering ▪ <i>Innovative Foundations for the Future – Bernie Krone, EsorFranki</i> ▪ <i>Bluebook presentation – Gavin Byrne, EsorFranki</i>	Structural engineering ▪ <i>Structural failures and lessons learnt – Tony Aimer, SAICE JSD</i>	
	10h30 – 11h00	Refreshment break			Exhibition hall
	11h00 – 13h00	▪ <i>Toll roads – financing models and open road tolling in South Africa – Alex van Niekerk, SANRAL</i> ▪ ASCE Webinars <i>A new concept in CPD!</i> – Dawie Botha, SAICE	▪ <i>The foundations of 2010 + – Alan Parrock, ARQ</i> ▪ <i>State-of-the-art stiffened raft foundations – Terry Pidgeon</i> The Engineer of the Future ▪ <i>ASCE Body of Knowledge</i> ▪ <i>KIVI Niria – The Engineer of the Future</i> ▪ <i>SA Graduates Survey – Natasa Meli, Magnet Communications</i> ▪ <i>Mathematics & Science – Prof Darren Lortan, Durban University of Technology</i>	Structures ▪ <i>The future of steel – Dr Hennie de Clercq, SAISC</i> ▪ <i>The future of concrete – Bryan Perrie C&CI</i>	
	13h00 – 13h30	Plenary – SAICE Infrastructure Report Card Interactive Session – Sam Amod, SAICE			
	13h30 – 14h30	Exhibition and lunch			Exhibition hall

engineering planet future

diarise this date
16–18 MARCH 2010

hosted by the south african institution of civil engineering
csir convention centre
pretoria south africa
16–18 March 2010

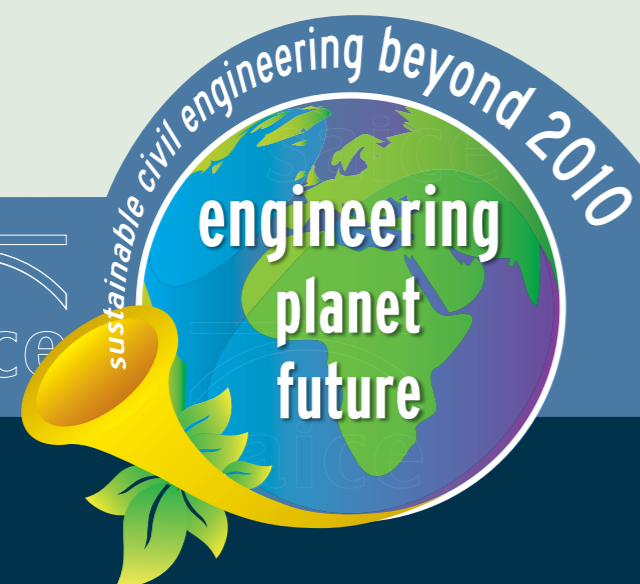
International Indaba Programme



The parade includes:
government, decision-makers, international,
industry, trainers, motivational experts and many more

Monday 15/3	Time	Activity	Role players	Venue	
		Set-up Exhibition		Exhibition Hall	Free for SAICE Members (Book via: lerasmus@saice.org.za)
	10h00 – 17h00	SAICE Council Meeting		Diamond	
	17h15 – 17h45	SAICE Annual General Meeting		Diamond	
	17h45 – 17h55	Get together Welcome		Diamond	
	17h55 – 19h00	Guest speaker – The Scenario beyond 2010	Internationally acclaimed Clem Sunter	Diamond	
	19h00 onwards	A South African Cuisine Safari		Exhibition Hall	

To register: www.engineeringplanetfuture.co.za



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Tuesday 16/3	Time	Activity and Venue Diamond 450	Activity and Venue Crystal 70 - 160	Activity and Venue Emerald 50 – 100	
	08h00 – 18h00	Exhibition			Exhibition hall
	07h00 – 08h30	Registration desk open			CSIR ICC Foyer
	08h30 – 10h30	Opening plenary <ul style="list-style-type: none"> Department of Cooperative Governance & Traditional Affairs The Local Government Turnaround Strategy and its implications for the civil engineering industry – Elroy Africa, DG of COGTA Local government development objectives and projections – Yusuf Patel, COGTA How to ensure that major projects leave a legacy – Presentation and discussions on major projects and the impact on our future – Jack van der Merwe, Gautrain 			Diamond
	10h30 – 11h00	Refreshment break			Exhibition hall
	11h00 – 12h45	Improving professionalism in Local Government <ul style="list-style-type: none"> Enhancers of Quality Service delivery – PDFA – Godfrey Ramalisa, CESA Competency Frameworks – Yogan Reddy Zero Sustainability without Integrity – Pieter van Niekerk, CESA Tackling corruption – the cidb approach – Inba Thumbiran, cidb 	Africa-UK Engineering for Development Partnership <ul style="list-style-type: none"> Address by Mr Imraan Patel, Chief Director, DST AEF protocol for sustainability – signing ceremony UNESCO and WFEO – international engineering capacity building – Dawie Botha, SAICE The AFRICA-UK Engineering for Development Partnership – Launch 		
	12h45 – 13h45	Exhibition and Lunch Water Competition demonstration Play the Numberwise game – Ladu... u... u... ma!			Exhibition hall
	13h45 – 15h15	Restoring our infrastructure <ul style="list-style-type: none"> Challenges and opportunities in infrastructure asset management – Dr Kevin Wall, CSIR Budgeting for infrastructure asset management – Dean Barnes, Consultant Asset management and the private sector – James Aiello, National Treasury PPP Unit 	Project management <ul style="list-style-type: none"> GCC 2010 – the SAICE contract document for the future – Willie Claassen Project management for a good deal – the role of the project manager to ensure client satisfaction and future business – Greg Skeen Leading young professionals through a rewarding career in construction 	Project Finance – towards sustainable business in Africa <ul style="list-style-type: none"> Access to commercial financing – Colin King, ABSA Finance from Development Institutions – Hussein Yusuf Iman, AFDB Carbon credits – additional sources of funding – Johan van den Berg General problems and challenges – Kim Paxinos, Afcap Consult 	
	15h15 – 15h30	Quick break			Exhibition hall
	15h30 – 17h00	Environmental consideration <ul style="list-style-type: none"> CEEQUAL – an assessment model to establish “how green is your project” – Roger Venables, Crane Environmental, UK Mariannhill Landfill Conservancy: A Best Practice – John Parkin Energy Innovations in Water Services in eThekweni – Frank Stevens 	Sustainable construction <ul style="list-style-type: none"> Women in construction – a valuable asset – Nonhlanhla Mjoli-Mncube Safety is a non-negotiable – Ishmail Cassiem, cidb The cidb Green Building initiatives – Dr Rodney Milford, cidb 	Decision makers/ Capacity building <ul style="list-style-type: none"> Capacity Building – Focus on informed decision making in local government – Dawie Botha, SAICE and Louiza Duncker, CSIR ExCeed – The ASCE model to train engineers to be trainers – Tom McKune, Durban University of Technology 	
	17h00 – 18h00	An hors d’oeuvres session			Exhibition hall
	18h00 – 20h00	OFFICIAL OPENING <ul style="list-style-type: none"> The Change Conductors – Steve Barnett and Mark Manley Climate change/Global warming – “Fan or Foe??” – Join a passionate panel – Dumisani Magadla, Simon Gear, Prof Will Alexander, Dr Kelvin Kemm and Barbara Schreiner 			Diamond
	20h00 – 21h00	Refreshments			

Wednesday 17/3	Time	Activity and Venue Diamond 450	Activity and Venue Crystal 70 – 160	Activity and Venue Emerald 50 – 100	
	08h00 – 18h00	Exhibition			Exhibition hall
	07h00 – 08h30	Registration desk open			CSIR ICC Foyer
	08h30 – 09h15	Plenary session Willie Croucamp – Chief Director: Infrastructure Development, DWA “State of the Nation” – Water challenges in SA and implications for the civil engineering industry			
	09h15 – 09h30	Catch your breath and join a session			
	09h30 – 10h45	“Water: Crisis or Comfort?” – addressing planning issues <ul style="list-style-type: none"> Setting the scene for the panel discussion: Introduction – Chris Herold, SAICE Water planning – Johan van Rooyen, DWA Environmental and reserve – Philip Owen/ Liane Greeff 	EsorFranki – Civil Engineering Professionals of the future <ul style="list-style-type: none"> Why did you study civil engineering? Do you have the qualities of the infrastructure pioneers? Why institutions? Developing your skills Students – what is required? Graduates – what is required? – Allyson Lawless	Regional integration and networking – towards sustainable business in Africa <ul style="list-style-type: none"> Services and Products – John Rocha, NBF Intellectual property – Jeff Turner, AFCAP Programme Development Support Units – supporting achievement of MDGs – Dr Marlene van der Merwe-Botha 	
	10h45 – 11h15	Refreshment break			Exhibition hall
	11h15 – 12h45	Interactive panel discussion facilitated by Denis Beckett <ul style="list-style-type: none"> Business concerns – Martin Ginster, SASOL Resource quality – Ralph Heath, Golder Agriculture – Felix Reinders, ARC Water Affairs – Fred van Zyl, DWA Also Chris Herold, Philip Owen and Johan van Rooyen 	Why register? <ul style="list-style-type: none"> Why register? – Allyson Lawless Launch of the Candidate Academy towards professional registration – Allyson Lawless Toolbox/utility for planning, directing and recording the workplace experience including portfolio of evidence files – Johan Koekemoer 	Interaction Africa <ul style="list-style-type: none"> Sustain interest, communication, continuity in Africa Development – Sam Kundishora, Zimbabwe Building capacity and networking in Africa by professionals, CSOs, officials and decision makers – Willy Mandowa, Malawi Introduction to workshop 	
	12h45 – 13h45	Exhibition and Lunch Bridge Building competition demonstration			Exhibition hall
	13h45 – 15h15	“Where does your water go?” Setting the scene – Fred van Zyl, DWA “Working to save water campaign” – Ronnie McKenzie, WRP Interactive panel discussion facilitated by Dr Marlene van der Merwe-Botha <ul style="list-style-type: none"> Unions – Jeff Rudin, SAMWU Ratepayers – Carien Visser, Sannieshof National Government – Fred van Zyl, DWA 	Resilience and leadership <ul style="list-style-type: none"> Resilience and Leadership – Training and finishing school for engineering professionals – Vanessa Bluen, Powerhouse 	AEF Workshop – Building Institutional Capacity in Africa	
	15h15 – 15h30	Quick break			Exhibition hall
	15h30 – 17h00	“Sustainability” <ul style="list-style-type: none"> “Technology for sustainability” Potable Water Conservation – Danie Malan, Canada Counting the cost” – Godfrey Mwiinga, DBSA Panel discussion <ul style="list-style-type: none"> Energy – Francis Gibbons, SSI Sustainability – Nigel Rossouw, TCTA Skills and Education – Geraldine Schoeman Research – Jo Burgess, WRC 	Anti-corruption INTERACTIVE SESSION – Tom McKune, SAICE E&T <ul style="list-style-type: none"> A real life reality check: ethics and corruption – SAICE Young Members Panel Ethicana WFEO Anti corruption training 	AEF Workshop – Building Institutional Capacity in Africa	
	17h00 – 17h30	Comfort break			
	17h30 – 20h30	<ul style="list-style-type: none"> Inauguration of SAICE President 2010, Ali Naidu Gala dinner 			Diamond Amber