

SAICE Railway & Harbour Division Symposium 2015 Programme

Day 1	Chair: C Campbell, Aveng Infraset	
07h30 -09h00		Registration
	Presenter	Topic
Session 1	OPENING SESSION	
09h00 - 09h45	C Mtetwa, GM - Transnet Freight Rail	Keynote Address
09h45 - 10h30	D Strydom, Transnet Freight Rail	Transnet Manganese Project
10h30 - 10h45		Tea Break 1
Session 2	FORMATION IMPROVEMENT	
10h45 - 11h30	J Cook, M Horton, T Roe & L Hornicek, Tensar International Ltd, UK & Czech Technical University in Prague	Improved Track Bed Performance over Low Strength Formation Soils using Mechanically Stabilised Layers
11h30 - 12h15	PE Lombard & S Naidoo, Kaytech Engineering Fabrics & Madan Singh & Associates	Amanzimtoti Railway: Embankment Reconstruction and Rehabilitation using a Specialist Geosynthetic Solution
12h15 - 13h00	JK Kae* & Prof PJ Grabe, Transnet Freight Rail & University of Pretoria	The use of Geosynthetics for Improving Soft Subgrade Railway Foundations
13h00 - 14h00		Lunch Break/Exhibition
Session 3	TUNNEL CONSTRUCTION AND INVESTIGATION	
14h00 - 14h45	M Fink & P. Laborenz, Sonneville AG	A Slab Track Solution for the Requirements of Tomorrow
14h45 - 15h30	O Tywakadi* & JK Kae, Transnet Freight Rail	A Proposed Standardisation Method for the Investigation of Ballasted Tunnel Formations
15h30 - 15h45		Tea Break 2
Session 4	RAIL PERFORMANCE	
15h45 - 16h30	J Duvel, Transnet Freight Rail	Heavy Haul Rail Performance at Transnet
16h30 - 16h45	C Campbell, Aveng Infraset, Symposium Chair Day 1	Summary and Closing Day 1
16h45 - 21h00		Cocktail & Networking
Day 2	Chair: G Ludick, Transnet Freight Rail	
07h30 -08h30		Registration
	Presenter	Topic
Session 5	INFRASTRUCTURE CONSTRUCTION	
08h30 - 09h15	Prof J Haarhoff	Construction of the Prieska-Kalkfontein Railway Line, 100 years ago
09h15 - 10h00	C Groenewald, Aveng Infraset	A Precast Concrete Solution for Cost Effective Infrastructure Development
10h00 - 10h30		Tea Break 1
Session 6	CWR, BRIDGES & SURFACE WAVES	
10h30 - 11h15	Prof PJ Gräbe, University of Pretoria	The Neutral Temperature of Continuous Welded Rail - Dated Truths and Novel Insights
11h15 - 12h00	JF Bester, Transnet Freight Rail	The Olifants River Bridge - The Inherent Problem
12h00 - 12h45	A Ronda* & Prof. PJ Grabe, University of Pretoria	Surface Wave Characteristics of a Dynamically Loaded Track Formation
12h45 - 14h00		Lunch Break/Networking/Exhibition
Session 7	RISK AND ASSET MANAGEMENT	
14h00 - 14h45	B Ssamula & F Marutla - AECOM Africa & GIBB	Technical Delivery of Infrastructure Projects whilst Meeting Socio-Economic Criteria - A Risk Management Process
14h45 - 15h30	N Makhathini & NJ van der Westhuizen, Gautrain Management Agency & Resolve Solution Partners	Meeting the Requirements of Multiple Standards and Regulations for Asset Management
15h30 - 15h45	G Ludick, Transnet Freight Rail, Symposium Chair Day 2	Summary & Closing
15h45 - 16h00		Networking & Departure

* Denotes Presenter