

# PROGRAMME BUILT ENVIRONMENT

FRIDAY 9 OCTOBER 2015

07:30	Conference registration
08:30	Plenary session or selected tours departing at 08:00
09:30	Tea break
<b>09:45</b>	<b>Built environment I</b> Session chair: Mr Ravi Naidoo, CEO, Infrastructure and Development Advisory Practice (IDAP)
09:45	Keynote address: Towards 2030: Answering national challenges through research and development   Prof. Philip Harrison, South African Research Chair in Spatial Analysis and City Planning, University of the Witwatersrand
10:15	Creating safer coastal and port infrastructure with innovative physical and numerical modelling Kishan Tulsi, CSIR
10:40	The automated detection of road surface distresses Thegaran Naidoo, CSIR
11:05	Making smarter decisions in urban environments Dr Daan Velthausz, CSIR
11:30	Discussion, questions and answers
11:45	Tea break
<b>12:00</b>	<b>Built environment II</b> Session chair: Prof. James Maina, Department of Civil Engineering, University of Pretoria
12:00	Keynote address: Martie Janse van Rensburg CA (SA), Independent Consultant
12:25	South Africa's healthcare estate: a lean, green machine? Peta de Jager, CSIR
12:50	Integrated land-use and transportation modelling to determine lowest-cost commute trips Quintin van Heerden, CSIR
13:15	Scientific, engineering and technology solutions to improve local government service delivery Samantha Naidoo, CSIR
13:40	Discussion/questions and answers
14:00	Lunch