

# ECONOMIC PAVEMENT SYSTEMS FOR THE FUTURE

Recent Advancements in Pavement  
Design & Binder Technology

RYDGES HOTEL ROTORUA  
7 - 9 JULY 2013



## PROGRAMME

### Day 1 - SUNDAY 7<sup>th</sup> July 2013

5.00pm - 6.00pm	Registration Open
6.00pm - 7.00pm	Welcome Function and Opening of Trade Display

### Day 2 - MONDAY 8<sup>th</sup> July 2013

8.00am - 9.00am	Registration Open - Arrival Tea and Coffee
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## SESSION ONE

9.00am - 9.05am	Welcome - Willie Vance - CEO - NZIHT
9.05am - 9.10am	Welcome to Rotorua - Mayor of Rotorua
9.10am - 9.35am	<b>OPENING ADDRESS</b> - Platinum Sponsor - Dean Riley, Road Science
9.35am - 10.20am	<b>KEYNOTE SPEAKER - Professor Kim Jenkins</b> <b>Stellenbosch University, South Africa</b> <i>Research (and Theory) versus Practice: Can this dichotomy ever deliver Economic Pavement Solutions?</i>
10.20am - 10.30am	Questions and discussion
10.30am - 11.00am	<b>Morning Tea</b>

## SESSION TWO

11.00am -11.25am	Recycling Recycled Pavements <b>Adam Leslie, <i>Fulton Hogan</i></b>
11.25am – 11.50am	Empirical Data in Pavement Design – an Inconvenient Truth <b>Fritz Jooste <i>Juno Services</i></b>
11.50am – 12.15pm	Foamed Bitumen design Assumptions <b>Allen Browne, <i>Hiway Stabilizers</i></b>
12.15pm – 12.30pm	Questions and discussion
12.30pm – 1.30pm	<b>Lunch</b>

## SESSION THREE

1.30pm –1.55pm	A Revised National Process for Identifying and Prioritising Renewals <b>John Donbavand, <i>NZTA</i></b>
1.55pm – 2.20pm	Reducing the cost of renewals <b>Thomas Wright, <i>OPUS</i></b>
2.20pm – 2.45pm	Pavement Design Abased on Flexural Beam and Repeated Load Triaxial testing <b>Greg Arnold, <i>Road Science</i></b>
2.45pm – 3.00pm	Questions and discussion
3.00pm – 3.30pm	Afternoon Tea

## SESSION FOUR

3.30pm – 3.55pm	Alternative Pavement Design Validation <b>Anthony Stubbs, <i>Road Science</i></b>
3.55pm – 4.20pm	Proposed Design Assumptions in the New NZTA Pavement Rehabilitation Design Guide <b>David Alabaster, <i>NZTA</i></b>
4.20pm – 4.45pm	Airport Runway & Taxiway Asphalt Resurfacing <b>Malcolm Chiles, <i>Higgins</i></b>
4.45pm – 5.00pm	Questions and discussion
7.00pm – 7.30pm	<b>Pre Dinner Drinks</b>
7.30pm onwards	<b>Conference Dinner &amp; Entertainment</b>

## Day 3 – TUESDAY 9<sup>th</sup> July 2013

8.00am – 9.00 am      Arrival Tea and Coffee

9.00am – 9.05am      House Keeping

### SESSION FIVE

9.05am – 9.40am      **KEYNOTE SPEAKER Dave Collings**  
*Why bitumen stabilised bases will ultimately gain global acceptance, especially for heavily trafficked pavements*

9.40am – 10.05am      What does a dead road look like - what constitutes “failure?”  
**John Patrick, OPUS**

10.05am – 10.30am      The Nature, Performance and Future of Superior Binders  
**Anna D’Angelo, Darcy Rogers, Road Science**

10.30am -10.45am      Questions and discussion

10.45am – 11.15am      **Morning Tea**

### SESSION SIX

11.15am – 11.40am      Post Testing of Pavements and Performance (or lack of)  
**Gerhard van Blerk, NZTA**

11.40am –12.05pm      20 Year History of Slurry Surfacing in Napier  
**Sean Bearsley, Higgins**

12.05pm – 12.30pm      Pavement Performance of Various Pavements on State Highway 2  
in the Waikato and Western Bay of Plenty  
**John Hallet, BECA**

12.30pm – 12.45pm      Questions and discussion  
Prize Draws

12.45pm - 1.45pm      **Lunch**

1.45pm      **BUS TRIP TO ROAD SCIENCE LABORATORIES**