



PROGRAMME FOR PROFESSIONAL/TECHNICAL PAPER DAY WEDNESDAY 10 OCTOBER 2007

(A) TRANSPORT SYSTEMS DESIGN AND TECHNOLOGY (TSDT)

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| A1 A functional road hierarchy for New Zealand – are we ready? | Andrew Macbeth/ViaStrada |
| A2 Auckland experience with ITS | Vadi Vencatachellum/Akl.City |
| A3A (Note) Transferability of overseas crash prediction models to NZ | Shane Turner/Beca |
| A3B (Note) A Sidra for road safety | Shane Turner/Beca |
| A4A (Note) Putting the intelligence into ITS | David Verma /Beca |
| A4B (Note) Creating compelling traveller information services using ITS | David Verma/Beca |
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| A5 A stakeholder and traffic management framework for road rehabilitation | Peter Weller/Jocelyn Shaw/Beca |
| A6 Strategy-related Management of Rail Transport Structures – Case Studies | Walter Rushbrook/Douglas Wilson/UniAk |
| A7 Managing systems & technology in transportation projects (eg ramp metering) | Peter McCombs/TransitNZ |
| A8 Design and implementation of a signalised roundabout | Edwin Chong/Opus |

(B) TRANSPORT PLANNING, TRANSPORT STRATEGIES, TRANSPORT POLICY, AND COMMUNITY PLANNING (PSPC)

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| B1 National State Highway Strategy | Ron Kratz/Transit NZ |
| B2 Managing demand on the SH network – an achievable balancing act? | Anne Carruthers/TransitNZ |
| B3 Applying discrete choice model to forecast travel demand on North Shore busway | Yi-Min Huang/Judith Wang/UniAk |
| B4 Prediction of freight growth by 2020 and rail's ability to share the load | Dr Hamish Mackie/TERNZ |
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| B5 Reducing the need to travel – what role for land use planning? | Michelle Lewis/LTNZ |
| B6 Can densification & public transportisation achieve energy efficiencies? | David Willmott/CUTS |
| B7 Carbon zero – is this possible in transport? | Nathan Austin/Opus |
| B8 The paradox of congestion | Kerry Wood |

(C) TRANSPORT USAGE, SAFETY AND HUMAN BEHAVIOUR (TUSH)

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| C1 Effect of road network bendiness on traffic crash occurrence | Megan Fowler/UniCanty |
| C2 Road geometry and drivers' speed choice | Dr Fergus Tate/MWH |
| C3 Effects of road roughness & test speed on grip tester skid resistance measurements | Wendy Chan/Douglas Wilson/UniAk |
| C4A (Note) Pedestrian countdown signals trial | Andy Hooper/Opus |
| C4B (Note) Sliding Strip Analysis – Application | Mike Brazil/MWH |