

## ABSTRACT SUBMISSION FORM

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### Paper Details:

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| <b>Presentation title:</b> | World Class Over-height Vehicle Detection/Warning Systems - Why do drivers still crash? A Human Factors Perspective |
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#### Overview of Presentation

A December, 2009 press release from the NZ Transport Agency advises that there are on average 25 bridge strike incidents a year on Auckland motorways. Given that these events can be: costly, disruptive and have potentially immense safety impacts (e.g., one such incident that occurred on the Orams Road Bridge on the Southern Motorway cut the link between two communities and cost ~\$400,000 to restore) it is vital that a smarter, stronger, safer approach be taken to minimise these incidents.

This paper will investigate what is "International Best Practice" for overheight detection systems. How much safer do these smarter systems make us and from a human factors perspective why do drivers of overheight vehicles hit infrastructure in the first place. The paper will then discuss how the International Best Practice can be adapted to fit the New Zealand Environment.