



THE UNIVERSITY OF
MELBOURNE

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WORLD-LEADING RESEARCH IN INTELLIGENT TRANSPORTATION

Transport analytics • Transport optimisation
Transport safety • Transport economy
Sensing and positioning • Freight

eng.unimelb.edu.au



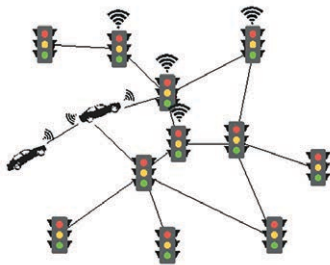
SELECTED PROJECTS



Exploring the feasibility of a demand-responsive transport mode in the urban transport fabric. This mode provides ad-hoc point-to-point transport, which includes serving the last mile problem: transport from and to mass transport hubs.

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Developing optimization and control strategies that serve to enhance the fuel economy and environmental impact of vehicle and traffic systems. This includes fuel optimal vehicle cruise controllers and flow optimal traffic signalling network systems.

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Data and information management in the areas of urban computing and location data mining. An example is shown in the image which is a so-called Reverse Nearest Neighbour Heatmap for understanding the significance of different regions of the city through such an “influence heatmap”.

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SEE ALSO

Spatial@Melbourne
<http://spatial.unimelb.edu.au>

Melbourne Networked Society Institute
<http://networkedsociety.unimelb.edu.au>

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