



Heavy vehicles – balancing competing needs

How to balance environmental, safety and community needs with the demands for increased productivity, lower costs and better infrastructure

Call for papers

1. Background to IFRTT and the HVTT symposia

The International Forum for Road Transport Technology (www.road-transport-technology.org) was formed after the first Heavy Vehicle Weights and Dimensions symposium run by the Roads and Transport Association of Canada in 1986. The purpose of the IFRTT organization is to:

Advance the agenda on heavy vehicle transport issues through the sharing of knowledge and exchange of views between researchers, policy makers, regulators, road agencies and the transport industry

There have been 10 IFRTT hosted symposia held at various international locations since 1986. Known as the Heavy Vehicle Transport Technology symposia or HVTT, the 11th event is scheduled for 15th to 17th March 2010 in Melbourne, Australia. It will immediately precede the International Truck Trailer and Equipment (ITTE) Show that runs from the 18th to the 20th March also in Melbourne. The HVTT symposium will include tours of the ITTE show for those able to stay in Melbourne for the additional days.

Over the last 20 years there has been a vast amount of international research co-operation generated by the OECD (DIVINE Project), European Commission COST projects and NAFTA activities in North America as well as Performance Based Standards (PBS) development in Australia. The IFRTT has played a role in publicizing and presenting the results from these international activities through its HVTT symposia and provides an on-going opportunity for the international networks developed in these projects to continue and flourish.

The primary goal of the symposia is to bring together the various disciplines of road transport to broaden knowledge and perspective.

2. Theme for HVTT11 – Melbourne 2010

Heavy vehicles – balancing competing needs

How to balance environmental, safety and community needs with the demands for increased productivity, lower costs and better infrastructure

Countries around the world are faced with the challenge of handling a growing freight task in a way that meets community expectations.

Road transport operators and their customers aim to maximize their productivity and minimize their costs. Communities demand better environmental outcomes and safer operating environments. Suppliers are developing new technologies for both vehicles and infrastructure. Governments are facilitating growth by funding infrastructure, introducing new regulations, managing congestion and other externalities. All expect better outcomes, yet many demands compete, and tradeoffs are necessary.

This symposium will focus on the key drivers of change, and how these can influence future developments and Government policy formulation in the heavy vehicle domain.

3. HVTT11 organising committee

This symposium is being organised by a committee including:

Nick Dimopoulos, CEO, National Transport Commission and Chairman of HVTT11 Organising Committee

Les Bruza, Principal Engineer, Queensland Transport

Don Hogben, Acting Executive Director - Road Safety & Network Access, VicRoads

Gary Liddle, Chief Executive, VicRoads

Philip Lovel, AM, CEO, Victorian Transport Association

Graeme Miller, National Manager, Technical Support, Scania Australia

Terry Pennington, Chief Technical Officer, Truck Industry Council

Rob Perkins, Director Projects, Victorian Transport Association is the Secretary for HVT11 and can be contacted on conference@hvtconference.com, or via the website www.hvtconference.com

4. Paper context

Papers are sought in one or more of the following themes:

1. Environment and energy
2. Vehicle technology and design
3. Safety
4. Congestion management
5. Infrastructure design and operation
6. Standards and regulations
7. Community issues
8. Logistics issues
9. Productivity
10. Heavy vehicle transport policy
11. Freight volumes and trends

5. Call for papers – timetable

The timetable for papers is as follows:

December 2008	Call for extended abstracts of papers on topics above
31 st March 2009	Submission for extended abstracts closes
31 st July 2009	Acceptance of papers
30 th November 2009	Final papers submitted by authors
15 th March 2010	Conference begins. The full text of all papers will be available to delegates in electronic form.
Post conference	Selected papers from the conference will be published in a special issue of International Journal of Heavy Vehicle Systems

Extended Abstracts are intended to give the HVTT Scientific Committee a good idea of the contents and quality of the proposed papers.

They must be at least two pages long. It is recommended that they include:

1. Introduction
2. Research Method
3. Preliminary Results and Conclusions

Brief summaries of papers will not be accepted

6. Evaluation of papers – Scientific Committee

All papers and correspondence should be directed via the HVTT11 secretariat at papers@hvttconference.com and will be submitted to the HVTT Scientific Committee chaired by Professor David Cebon, Director, Cambridge Vehicle Dynamics Consortium and Head of Cambridge University Engineering Department's Transport Research Group. An electronic abstract submission system will be set up to allow papers to be submitted. Details of this process will be posted to the conference site once this is set up. Members of the HVTT11 Scientific Committee include:

Professor Sean Brennan, Penn State University, USA
Mr Les Bruzsa, Principal Engineer, QT, Australia
Professor Karim Chatti
Professor Andrew Collop
Dr Erik Dahlberg, Head, Field Analysis, Scania, Sweden
Dr John De Pont, Director, TERNZ, New Zealand
Mr Rob Di Cristoforo, Consultant, Advantia, Australia
Dr Klaus-Peter Glaeser, Head Vehicle Pavement Interaction, BAST, Germany
M. Bernard Jacob, LCPC, France
Mr Dom Kalasih, Fleet Manager, Shell New Zealand
Mr Anders Lundstrom, Senior Advisor, Scania, Sweden
M. Jacques Marmy, Head, Technical Affairs, IRU, Switzerland
Mr Paul Nordengen, Research Group Leader, CSIR, South Africa
Dr Laszlo Palkovics, Director, Advanced Engineering, Knorr Bremse, Hungary

Mr Seamus Parker, Senior Researcher, FERIC, Canada
Mr Christophe Penant, Industry Standards, Michelin, France
Dr Hans Prem, Senior Consultant, MSD, Australia
Mr David Rolland, Senior Consultant, GHD, Australia
Dr Peter Sweatman, Director, UMTRI, USA
Professor John Widmer, Professor of Transport Engineering, University of Sao Paulo, Brazil
Mr John Woodrooffe, Head of Safety research, UMTRI, USA

The HVTT Scientific Committee will be the sole arbiter of papers and their selection.

Abstracts and papers submitted should only be done so with the understanding that they will be published by the HVTT secretariat, and may also be published in international transport journals. By submitting abstracts and papers, authors are agreeing that this process will be followed and that they are in agreement with their use for this purpose.

7. Contact details

For further details, contact the HVTT11 secretariat on conference@hvtconference.com or go to the website www.hvtconference.com

8. Sponsors of HVTT11

Current sponsors of HVTT11 include:

- National Transport Commission, Australia
- Truck Industry Council
- VicRoads
- Queensland Transport
- Scania
- Victorian Transport Association

Sponsorship opportunities are available for this high profile international symposium. To enquire about these opportunities, contact the HVTT11 secretariat on conference@hvtconference.com