

# Supplementary Call for Papers

INTERNATIONAL SYMPOSIUM on

HEAVY VEHICLE TRANSPORT TECHNOLOGY

HVTT16: Qingdao, China, 7-9 September 2021

## Laying foundations for the future

### Welcome to HVTT16

The International Forum for Heavy Vehicle Transport & Technology (HVTT Forum) and the Research Institute of Highway (RIOH) of the Ministry of Transportation of China are proud to present the postponed 16th International Symposium on Heavy Vehicle Transport & Technology (HVTT16). This symposium provides a unique forum for legislators, road administrators, academics, consultants, vehicle manufacturers and suppliers, transport organizations and transport operators to discuss and exchange ideas on ways to improve the safety, efficiency, productivity and sustainability of the road transport industry. A record of all the papers from previous symposia is available [here](#) (under *Library* → *Conference papers*).

The symposium was originally scheduled for October 2020 but, because of the Covid-19 pandemic, it has had to be re-scheduled. In view of the ongoing uncertainty regarding international travel, the symposium organisers have decided to offer a hybrid conference with the option of either in-person or on-line participation. We expect to have participants from all around the world including Asia, Africa, Central and South America, Europe, North America and Oceania. All the papers that we have received are still included in the symposium but because of the postponement we are offering an opportunity for additional papers to be submitted.

Throughout the world, countries are faced with a growing freight task. This presents significant challenges in terms of congestion, sustainability, environmental impact and safety. Approaches to addressing these challenges vary widely from country to country and reflect both the local situation and community expectations. Productivity, safety and sustainability gains can be achieved through Intelligent Transport Systems, enhanced logistics, vehicle technology developments, inter-modal operations, increased size and weight, Performance Based Standards etc. The optimal mix of approaches varies from country to country. The actual mix of approaches that occurs is driven by policy and legislation.

Previous symposia have been held in Canada, England, United States, Australia, the Netherlands, South Africa, France, Sweden, Argentina and New Zealand. HVTT16 will be the first time it has been held in China and also in Asia. The host city, Qingdao is one of the first coastal open cities in China and is a leading city in the core area of the blue economic zone of Shandong peninsula. The port of Qingdao is the eight largest port in the world and thus Qingdao is a major transport hub. The city was formerly a German colony and is famous for its Tsing Dao beer.

We look forward to connecting with you in Qingdao in September 2021.

Zhang Hao, Chair, HVTT16 Organizing Committee  
John de Pont, Chair, HVTT16 Scientific Committee  
Loes Aarts, President, HVTT Forum  
Mats Harborn, Vice-president Asia, HVTT Forum

## **SYMPOSIUM THEME**

### **Laying foundations for the future**

## **SYMPOSIUM TOPICS**

The general topic areas of the symposium are listed below. The sub-headings are indicative only and not exclusive. Papers on any topic that pertains to improving the safety, efficiency or sustainability of the road transport system will be considered.

- I. *Heavy Vehicle Technology***
  - Standardization of heavy vehicles and configurations
  - Interconnectivity of vehicles
  - Intelligent vehicle systems and autonomous vehicles
  - Vehicle safety
  - Emergency and rescue vehicles
  - High capacity transport (HCT) vehicles
- II. *Energy Efficiency, Emissions and Sustainability***
  - Alternative fuels and other new energy technologies
  - Energy savings and carbon emission reductions
  - Efficient transport equipment and technology
- III. *Fleet Management and Operations***
  - Freight vehicles maintenance management
  - Cold chain transport
  - Logistics challenges and logistics technology)
  - Freight enterprise security management
  - Driver training and education
  - 5G and big data applications
- IV. *Interactions with Infrastructure and Other Transport Modes***
  - Multimodal transport equipment
  - City logistics
  - Freight exchange and Smart travel
  - Infrastructure and space planning
  - Vehicle-Infrastructure communications
  - Cooperative Vehicle Infrastructure Systems

## How to submit a paper

### Extended abstracts

Paper submissions should be in the form of extended abstracts, which are intended to give the HVTT Scientific Committee confidence regarding the relevance, content and quality of the proposed papers. They should be about 4 pages and include sufficient information for a good understanding of the proposed paper. Ideally, at least 4 major sections should be included in the abstract. Brief summaries of papers will not be accepted.

Abstracts must be submitted in English.

All abstracts should be submitted on-line at <http://www.easychair.org>. The conference is listed on Easychair as HVTT16. Note that if you have not used Easychair before you will need to register but this is straightforward and free.

### Paper submissions

Once your extended abstract has been accepted by the Scientific Committee, you may proceed with the preparation of your full paper. Papers are limited to a maximum of 10 pages. Details of formatting requirements will be available on the conference website.

### Paper publication

All papers presented at HVTT16 will be published on the HVTT Forum web-site (<https://hvttforum.org/>).

### Timetable

The timetable for submission of abstracts and papers is as follows:

31 December 2020:	Close of submission for extended abstracts
28 February 2021:	Notification of successful authors
31 May 2021:	Final papers due
7– 9 September 2021:	Symposium

The full text of all papers will be available to delegates in electronic form.