

14th ITS World Congress



2007 Beijing (China)

Congress Theme	ITS for a Better Life	
Date	9 - 13 October	
Venue	Beijing Exhibition Centre	
Countries	43	
Attendees	42,000	
Exhibitors	162	
Organizing Committee Chair	Mr. Jianli Cao Vice Ministry of Science and Technology	
BOD Chair	Mr. Xiaojing Wang Deputy Director-General, Research Institute of Highway, Ministry of Communications	
IPC Chair	Dr. Katsushi Ikeuchi Professor, The University of Tokyo	



14TH WORLD CONGRESS ON INTELLIGENT TRANSPORT SYSTEMS

Daily News

每日快讯

智能交通  美好生活

ITS For a Better Life



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The 14th World Congress on Intelligent Transportation Systems

<http://www.itsworldcongress.cn/>

The **14th ITS World Congress** will, for the first time, take place in Beijing, China from October 9-13, 2007 with the theme of “**ITS for a Better Life**”.

Being the world's largest ITS event of the year, it will bring together officials from Government and related organisations as well as technicians, consultants, specialists and industry leaders from around the globe.

The Congress is enthusiastically supported by the Chinese Government, with the Ministries of Science and Technology, Communication, Construction, Public Security and the Beijing Municipal Government together hosting the event. The Chinese government hopes through the World Congress to learn more about the latest cutting edge technology and to promote international exchange.





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Cavendish Group

Over the last 8 years **Cavendish Group Intl** has built up an enviable reputation as the number one publisher of Western technology magazines in China. As the publisher of Road & Rail Technology, we are supported by the Ministry of Transport and the publication is targeted to a network of public authorities, traffic and transit organisations, highway authorities, as well as consultants and ministries and more besides.

Cavendish is known throughout the industry by offering unique insights into latest technologies and developments from the west and how those developments could impact on China.

<http://www.cavendishgroup.cn>





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The Following organisations are supporting the publication.

Ministry of Science and Technology
Ministry of Communications
Ministry of Public Security
Ministry of Construction
People's Government of Beijing Municipality
Department of Transport
Ministry of Railways
Chinese Academy of Railways Sciences
Urban Rail Transit Committee of China Communications & Transportation Association
Ministry of Foreign Trade and Economic Cooperation, (MOFTEC)

Daily News will be distributed not only to the ITS World Congress attendees, but also to the main governing bodies and industry organizations involved in ITS industry development in major Chinese cities like Beijing, Shanghai, Shenzhen, Guangzhou. Up till now, more than 5,000 people have registered for this congress, and over 200 enterprises and 50,000 visitors are expected to attend it. The congress, affecting 34 provinces and regions





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Daily News

The Daily News publication will be published on all four days of the exhibition and provide a comprehensive analysis on the highlights of the previous day. It will be distributed, free of charge, to all delegates and visitors that enter the hall and provide a fantastic platform for advertisers to increase the visibility of your organisation.

7.000 copies/day

4 Days

ITS China will send 1.500 copies/day to their special readers

Ministries of Science and Technology, Communication, Construction and Public Security will give interview in the magazine





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Intelligent Transport Systems

Automobile

Communication

Services

Tracking and position monitoring systems

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Safety and Security

Environment/Energy

ITS Policy

Transportation

Construction

Information Technology

Operation Control and Information Display

Operation

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Media representatives

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Technical specialists and experts

Consultants

City Planners

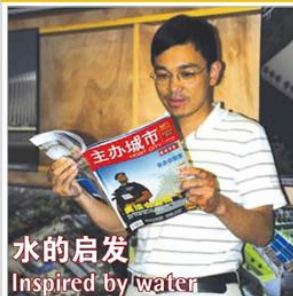
ITS users



• 封面设计



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水的启发 Inspired by water

水立方的设计如此独特，你希望它在将来很长的一段时间内成为北京的文化遗产吗？

当然了，我们居住的城市是因为有了辉煌的建筑才具有吸引力。毫无疑问，市民热爱的地方才具有生命力。对于奥运会的回忆将成为这座建筑的历史的一部分。

游泳池赛场地采用什么技术或新办法来防止钢结构在潮湿环境下被腐蚀？

钢结构本身是经过普通防锈处理的。另外还用双层ETFE空气枕壁将主要钢结构包裹成箱体。这意味着钢结构并不直接暴露于潮湿环境。与此同时，这种可通风的箱体还可调节太阳能。这被称作双层幕墙系统。

The design of the Water Cube is so unique. Do you hope it becomes a cultural relic in Beijing for a long time in the future?

Certainly, the city we live in is attractive due to such splendid architecture. There is no doubt that a site loved by the citizens will have a long life. The memories of an Olympic Games will become part of the history of this architecture. However.

As a swimming venue, what technologies or new methods are used to prevent the steel structure from becoming corroded in the damp environment?

The steel structure itself is processed through general corrosion-proof painting. Additionally, the double-layer ETFE air pillow wall surrounds the main steel structure into a chamber, which means the steel structure is not directly exposed to the damp environment. Meanwhile, this ventilated chamber can also adjust the solar energy. This is known as a double-layer curtain wall system.

空中列车缓解交通堵塞 Airtrain beats congestion

自2003年11月启用以来，空中列车的载客量在不断上升。收费乘客数从2004年的260万增长至2005年的340万。其中还不包括体验空中列车免费路段的数千乘客，每日总载客量，包括收费及免费的在内，是35000至40000人。

from its inauguration in December 2003, the number of passengers carried has gone from strength to strength, from a paid ridership of 2.6 million in 2004, to 3.4 million in 2005. These figures do not include thousands of people who use the free stretches of Airtrain, from the long-term parking lot. The total ridership, paid and unpaid, is 35,000 to 40,000 passengers per day.



'绿色山羊' 清洁调度 'Green Goats' shunt cleanly

该机车使用的是经过改造的旧式调车场引擎，由小型柴油发电机组和大型电排的可循环铅酸蓄电池组成。铁路动力 (RailPower) 公司去除了大量的柴油引擎、发电机和模拟电路控制部分并用发电机组、蓄电池组和计算机控制模块代替。蓄电池的重量有助于维持机车牵引。这种混合动力车还具有一种新型的驾驶室。

The locomotives are converted ageing switcher yard engines, and have small diesel generating sets and large banks of recyclable lead-acid batteries. RailPower strips out the large diesel engine, generator and analog controls from the frame, and replaces them with the generating set, the battery banks and a computerised control module. The weight of the batteries helps to maintain traction. The hybrid is also supplied with a new cab.



泊车便利的智能卡 Smart cards ease parking

除了泊车行业，公共交通行业是非接触智能卡已经涉足的又一领域。数以百万的通勤者每天通过十字路口唯一要做的事就是将他们的智能卡在读卡器前晃过。自动收费器 (AFC) 使得公交出行更加便利与吸引人，从而提高了公交客流与收益。乘客进入与离开公交车站的速度提高了，排队购票的队伍无须长时间等待。持有智能卡使您的搭乘各种形式的公共交通工具更加便利。

对于经营者而言，售卖车票的成本下降了一半。智能卡系统最大程度地减少了现金交易，减少了现金取行力。

Mass transit is the other field besides parking where contactless cards have really come into their own. Millions of commuters pass daily through turnstiles without having to do anything more than wave their cards in front of reader devices. Automated fare collection (AFC) by making mass transit journeys more convenient and attractive leads to increased ridership and profits. A passenger's speed is increased in entry or exit from the mass transit stations, there are no waiting times in a queue, and holding the smart card permits easier access to multiple forms of mass transit.

For the operator, the cost of fare collection is reduced by up to half. The smart card system minimises cash handling and decrease errors, and cuts down on fraud.

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ITS in China

China has rapidly become a powerful force in the development of ITS.

With the rapid economic development and urbanisation in China, the Government is paying more attention to the transportation system. They hope to improve the city traffic and transportation system by using advanced and intelligent information technology.



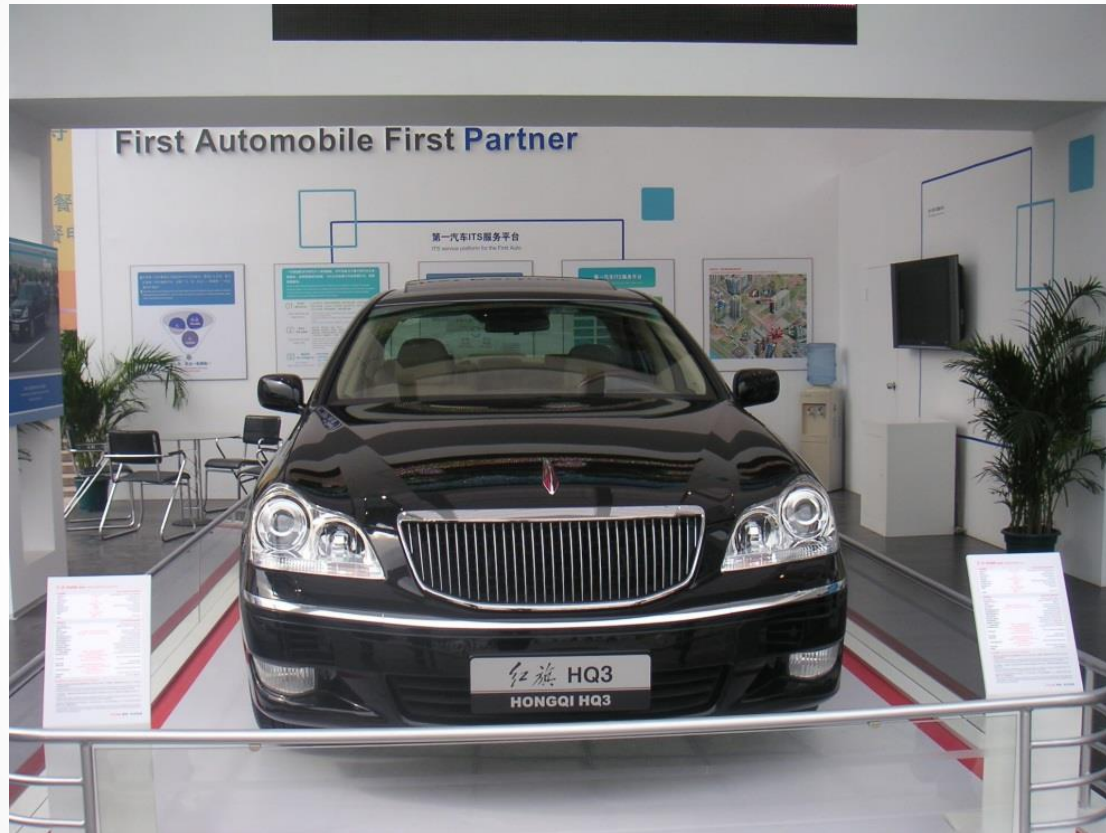
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Exhibition



Showcase



Showcase



Session

