

MOBILITY MANAGEMENT MEETING 2020 (MMM 2020)

Location **Beijing, China**

Time **May 7-9, 2020**

IMPROVING THE CAPACITY OF TRANSPORTATION NETWORKS, PROVIDING HIGH-QUALITY OF MOBILITY SERVICES

Experience at home and abroad has shown that transportation supply cannot grow without limit, and traffic demand management has developed rapidly in the process of solving transportation problems. Led by government, resources (land, energy) and environmental capacity permitting, comprehensive use of land-use planning, economic leverage, policies and regulations, and means of traffic management, control, and design result in ways to conduct scientific management to control traffic demand, means of mobility and their spatio-temporal distribution, so that the transportation supply and demand reach a relative balance at different stages, and promote the sustainable development of the transportation system.

At present, a new wave of scientific and technological revolution will promote major changes in transportation infrastructure, technology and services, and traffic management. New technologies, such as the Internet of Things, Big Data, and blockchain, have geared up into the transportation field, and have had a profound impact on passenger and freight transportation modes. Intelligent infrastructure, use of big data, shared mobility, new public transportation, renewable energy, etc. will become future trends of transportation development.

The International Cooperation Department of the China Highway and Transportation Society (CHTS), together with its international cooperative counterparts will co-host the Mobility Management Meeting 2020 (The MMM 2020), inviting typical road operators, travel service providers, traffic managers, researchers and experts from all over the world to share their experiences. The theme of the meeting is "**Improving the capacity of transportation networks, providing high-quality of mobility services**". The main contents include following aspects:

i. Transformation and challenges from infrastructure-oriented to customer-oriented expressway operation

China owns a significant scale of transportation infrastructure network and has earned international recognition in developing its role in tolling and traffic management technology and systems. With the increasingly well-established infrastructure construction, China's expressway operations are currently facing a transition from infrastructure-oriented mobility to customer-oriented mobility. Upon this topic, speakers and panelists will share the successful experience of China's expressway development, as well as discuss the opportunities and challenges faced during the transition period. Also, to meet new travel needs by building new infrastructure is typical, while for big cities maintaining and upgrading existing road networks is more practical. Large-scale renovation and upgrading projects have also brought tremendous financial pressure on investment institutions like banks. Upon this topic, experts will share various experience of means to meet the increasing mobility needs by improving and upgrading the existing infrastructure structure.

ii. Mobility Management in Big Cities & Transit Metropolis

China's urbanization rate has exceeded 60%, and cities with over 1 million population have reached 90. With the rapid development of motorization, traffic congestion and air pollution are increasingly serious, thus urban traffic management issues are particularly important. The successful experiences and challenges will be discussed of the priority development of public transportation, encouraging green mobility, restriction on private cars, eliminating heavy polluting vehicles, and economic leverage strategies.

iii. Data Management & Efficient Mobility

With the continuous development of the Big Data and many new technologies, the transportation field has ushered in great changes, which effectively reduce accidents, improve urban transportation efficiency, and improve mobility service for residents. Upon this topic, ways to effectively use and manage big data and to use digital expressways, road dynamic simulation and other technologies will be discussed, as well as how road service agencies can use these technologies to perform efficient management and ensure operation reliability in a dynamically connected environment. The aim is to deeply explore the mobility preferences of road users and hence improve the service.

iv. Sustainable Mobility & Mobility-Tourism Integration

At present, the rapid development of urban transportation has brought both great convenience and a series of energy, environment and congestion problems to the public. As a result, sustainable transportation has attracted widespread attention from society for high-efficiency and low-emission. The current goal is to improve the energy structure and efficiency of transportation while optimizing the transportation network. Also, more shared mobility and comprehensive infrastructure system will bring opportunities to mobility-tourism integration and promotion. This topic will share and discuss the experience in combining capacity improvement of transport facilities with low-carbon transportation, as well as new modes of mobility-tourism combination.

v. Mobility Safety

Traffic safety is a priority in a complex road traffic environment, and with the development of modern technology, new solutions are provided, such as video analysis, intelligent data management systems and decision support systems. This topic will study cases of various solutions around the world and share ideas on improving traffic safety while ensuring the efficiency.



SPECIAL WORKSHOP I: ETC NEW PATTERN & NEW SERVICE

ETC technology not only meets the consumers' needs of convenience and efficiency, but also improves the capacity of expressway stations. At present, China's ETC has achieved national networking, and the user base has been in steady growth. Given the emerging promising applications of "Internet+", the next generation of ETC application is a diversified service model, namely "ETC +". This topic shares and discusses the research innovation of intelligent expressways in the "ETC+" era.



SPECIAL WORKSHOP II: MOBILITY AS A SERVICE

The international transportation has focused on the concept of Mobility as a Service (MaaS) and seamless mobility network in recent years. Effectively solving the last-mile problem can significantly improve residents' mobility quality. At present, there are preliminary MaaS practices initiated by government departments and enterprises. This forum welcomes experts and scientists interested in academic research and practice such as MaaS development, multimodal transport and integrated travel platform for sharing and discussions.

PAPERS AND LECTURES ARE SOLICITING AMONG WORLD-WIDE TRANSPORT RELATED RESEARCHERS, AND PRACTITIONERS.





SAVE THE DATE!

Papers & Lectures:

Paper Abstract Submission before March 1, 2020

Acceptance Notification March 15, 2020

Registration Dates:

Earlybird Price before Apr. 7, 2020 (including Apr. 7)

Regular Registration after Apr. 7, 2020

Onsite Registration after May 7, 2020

Conference Issues:

Registration & Badge Claiming: May 7, 2020;

Welcome Reception: Evening of May 7, 2020;

Opening and General Session: May 8, 2020;

Sessions and Exhibition: May 8-9, 2020

SECRETARIATE

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