

# MMM Webinar 5: Re-Imagining Integrated Mobility Management Systems

## HOSTS

China Highway & Transportation Society

Transportation Research Board

ERTICO ITS-Europe

European Conference of Transport Research Institutes

Chinese Overseas Transportation Association

Shenzhen Bus Group



[Click or Scan for Online Registration](#)

Zoom Webinar: 830 0781 8673

Passcode: 769368

29 April. 2021

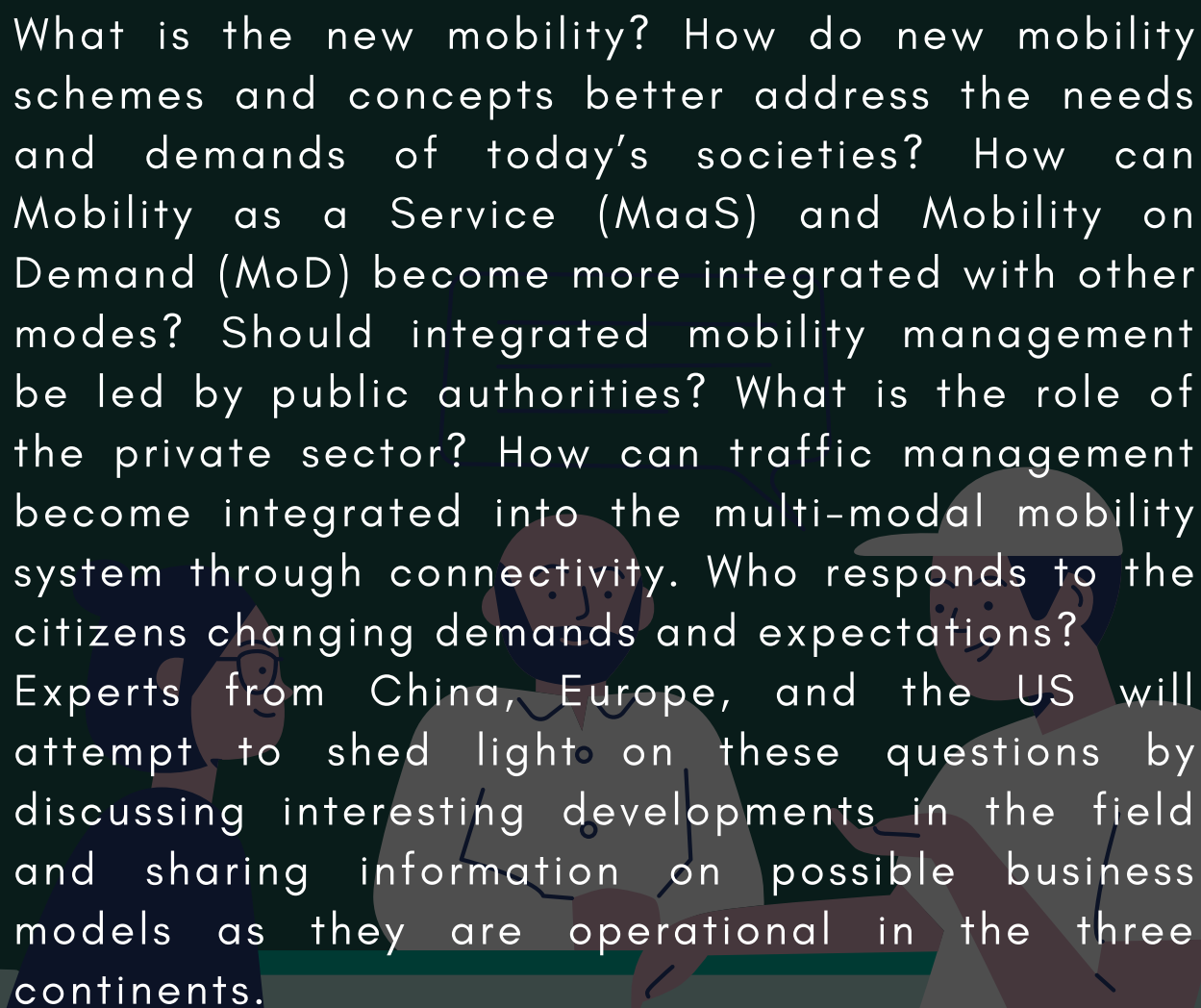
7:00 US EDT; 13:00 PARIS; 19:00 BEIJING, CHINA  
APRIL 29, 2021 – THURSDAY

MMM – Webinar 5:  
Re-Imagining Integrated Mobility Management Systems

CHTS, TRB, ERTICO, ECTRI, COTA, Shenzhen Bus Group

## BACKGROUND

What is the new mobility? How do new mobility schemes and concepts better address the needs and demands of today's societies? How can Mobility as a Service (MaaS) and Mobility on Demand (MoD) become more integrated with other modes? Should integrated mobility management be led by public authorities? What is the role of the private sector? How can traffic management become integrated into the multi-modal mobility system through connectivity. Who responds to the citizens changing demands and expectations? Experts from China, Europe, and the US will attempt to shed light on these questions by discussing interesting developments in the field and sharing information on possible business models as they are operational in the three continents.

An illustration of three stylized human figures sitting around a table, engaged in a discussion. The figures are rendered in a flat, geometric style with muted colors. The background behind them is a dark, semi-transparent rectangle containing the text. The overall aesthetic is modern and professional.

Opening

7:00-7:15

Nina GUAN

Moderator

Wenjie LIU

Welcoming Remarks

Mrs. Isabelle VANDOORNE

Welcoming Remarks

Neil PEDERSEN

Welcoming Remarks



## Wenjie LIU

Secretary-General and  
Vice President of CHTS

Wenjie LIU has served to date as the Secretary General and Vice President of China Highway and Transportation Society (CHTS), and the Vice President of the International Road Federation (IRF). He has founded the magazine China Highway in 1994, and presided over the edition of A Guide of Chinese Roads, A Guide of Chinese Bridges and other famous journals and magazines. Besides, he launched the Belt and Road International Transport Alliance, and established the Future Transport Research Institute. He has made tremendous contributions to transportation development in China.



## Mrs. Isabelle VANDOORNE

Deputy Head of Unit  
DG MOVE  
European Commission

Ms. Isabelle VANDOORNE, has been a civil servant of the European Commission since 2001. In Directorate-General Mobility and Transport, she is deputy Head of the unit dealing with R&I and urban mobility. Previously she worked in the area of intelligent transport systems and multimodality (2015-2020), of railways (2009-2015) and of telecom (2003-2009), and in TAXUD (2001-2003). Before that, she worked for the Belgian Railways SNCB-NMBS (1995-2001). She holds a Master Degree in electrical/telecom engineering from the Faculté Polytechnique de Mons in Belgium (1989-1994), where she worked as a researcher (1994-1995).

Opening

7:00-7:15

Nina GUAN

Moderator

Wenjie LIU

Welcoming Remarks

Mrs. Isabelle VANDOORNE

Welcoming Remarks

Neil PEDERSEN

Welcoming Remarks



## Neil PEDERSEN

Executive Director  
TRB

Neil PEDERSEN has been executive director of the National Academies' Transportation Research Board (TRB) since 2015. In that role he provides executive direction and leadership to TRB's technical activities, including its annual meeting of over 13,000 transportation professionals, its more than 200 technical committees, its conferences, and its publications; its peer reviewed policy consensus studies; and its multimodal cooperative research programs. Prior to joining TRB, Pedersen spent 29 years at the Maryland Department of Transportation, where he served the last eight years as State Highway Administrator and Governor's Highway Safety Representative. Over his career, Pedersen has been involved in volunteer leadership roles in both TRB and the American Association of Transportation Officials (AASHTO). He chaired a number of TRB and AASHTO committees, including serving as chair of TRB's Executive Committee in 2011.



## Nina GUAN

Director of International  
Cooperation Department  
CHTS

Nina GUAN, Director of International Cooperation Department of China Highway & Transportation Society and Deputy Secretary General of the Working Committee on Automatic Driving of CHTS. Graduated from Jilin University in July 2000, she has been working in CHTS since January 2003. Responsible for BRITA activities, she mainly participates in BRITA transportation project research and is responsible for organizing World Transport Convention (WTC), BRITS and China-Africa Transportation Infrastructure Cooperation Forum. Since 2017, she has been a member of TRB's International Coordinating Council.

# AGENDA

## Introduction to the Topic

7:15-7:30

### Multimodal mobility management: integration of TM 2.0 & MaaS

Dr. Johanna TZANIDAKI, Director of Innovation and Deployment, ERTICO

## Presentation 1

7:30-7:50

### Internet of Mobility

Dr. Angelos J. AMDITIS, President of ERTICO, Director, ICCS Research Centre (GR)

## Presentation 2

7:50-8:10

### Integrated Public Transportation and MaaS

Joseph Ching Yuen MA, Deputy General Manager, Shenzhen Bus Company

## Presentation 3

8:10-8:30

### User-aware Mobility Management

Dr. Stefan SEER, Senior Scientist at the AIT Austrian Institute of Technology in Vienna

## BREAK

8:30-8:35

Quick Zoom Survey Questions on What Audience Would Like to See Next on MMM

## Presentation 4

8:35-8:55

### Multimodal Components of The Complete Trip: Contributions of Transportation Systems Management and Operations (TSMO) and Intelligent Transportation Systems (ITS)

Carol SCHWEIGER, President of Schweiger Consulting, Co-Chair of TRB's Standing Committee on Innovative Public Transportation Services and Technologies (AP020)

## Presentation 5

8:55-9:15

### Advances on Automated Mobility and Their Impacts on Integrated Mobility Management Systems

Prof. Henry LIU, Director, Center for Connected and Automated Transportation (USDOT Region 5 UTC), Prof. University of Michigan, Ann Arbor, COTA

## Summary

9:15-9:30

Dr. Johanna TZANIDAKI, Director of Innovation and Deployment, ERTICO

## Panel Discussion

9:30-10:00

Moderated by Dr. Angelos J. AMDITIS, President of ERTICO-ITS Europe, Director, ICCS Research Centre (GR)

## Conclusion

10:00-10:15

Nina GUAN, Director of International Cooperation Department CHTS & Christos S. XENOPHONTOS, Co-Chair TRB International Coordinating Council



## Dr. Johanna TZANIDAKI

Director of Innovation  
and Deployment,  
ERTICO

With long experience in EU Affairs and Policy, Johanna has launched and co-Chaired the ERTICO Innovation Platform TM 2.0 on Interactive Traffic Management since 2014. She has been extensively involved in the TISA ITS Directive WG and the EU EIP-TISA work on the ITS related EU Commission Delegated Regulations. She is specialized in EU Regulation and Policy in the field of Mobility and Transport. She joined the ERTICO team in July 2017 and leads the Innovation and Deployment department which is responsible for projects (24) and innovation platforms (7) run by ERTICO. She represents ERTICO at the CCAM Single Platform meetings and she was one of the experts drafting the Strategic Research and Innovation Agenda (STRIA) for the European Commission on Network Traffic Management (NTM) in 2016.



## Dr. Angelos J. AMDITIS

President of ERTICO-ITS  
Europe, Director, ICCS  
Research Centre (GR)

Dr. Angelos J. AMDITIS is Research Director in the Institute of Communication and Computer Systems and member of its Board of Directors. In June 2018 he was elected as ERTICO's - ITS Europe Chairman. He is the writer of 90 peer-reviewed journal articles, book chapters and more than 220 conference papers. His current research interests are in the fields of ITS including Automated Transport Systems, Cooperative Systems, Electromobility, Smart Mobility both for people and cargo (ITS for Logistics), etc. He has participated in a large number of Research projects being the scientific responsible of more than 150 projects in the last 20 years.



## Joseph Ching Yuen MA

Deputy General Manager,  
Shenzhen Bus Group Ltd

Currently Deputy General Manager for the Shenzhen Bus Group (SZBG), Joe takes charge of all procurement, international development and branding, training and media business in SZBG. In 2019, he represented SZBG at UITP Stockholm Summit in receiving the international highest "Outstanding Achievement Award" for the Company's fleet electrification process. He is currently the Chair of the UITP global Taxi and Ride-hailing Committee. He also represents SZBG for high level international governmental and NGO exchanges and cooperation including those with the United Nations, World Bank, Asia Development Bank, European Bank of Reconstruction and Development as well as a number of climate change organisations such as the WRI and GIZ.



## Dr. Stefan SEER

Senior Scientist at the  
AIT Austrian Institute of  
Technology in Vienna

Dr. Stefan SEER is Senior Scientist at the AIT Austrian Institute of Technology in Vienna, where he leads the "Integrated Digital Urban Planning" research group - an interdisciplinary team of engineers, computer scientists, mathematicians, architects, transport and urban planners. Stefan and his team focus on enhancing the reliability of urban systems, thus making them more efficient, safe and comfortable while improving their sustainability. He is also Research Affiliate with the SENSEable City Lab at the Massachusetts Institute of Technology (MIT). Stefan has over 15 years of experience in managing complex projects and is interested in sensing systems, data mining and models for simulating and predicting human mobility.



## Carol SCHWEIGER

President of Schweiger Consulting,  
Co-Chair of TRB's Standing  
Committee on Innovative Public  
Transportation Services and  
Technologies (AP020)

Carol SCHWEIGER, President of Schweiger Consulting, has over 40 years of experience and is nationally and internationally recognized in transportation technology consulting. She is the Co-chair of the TRB Committee on Innovative Public Transportation Services and Technologies, an author for and on the Advisory Board of Intelligent Transport, a Charter Member of the Emerging Technology Standing Committee and Mobility on Demand Alliance of ITS America, and member of the International Program Committee of the ITS World Congress, TRB ITS Committee, New England ITS Board of Directors, American Society of Civil Engineering (ASCE) Technical Committee on Mobility Innovation, and SAE Shared and Digital Mobility Committee.



## Prof. Henry LIU

Director, Center for Connected  
and Automated Transportation  
(USDOT Region 5 UTC),  
Prof. University of Michigan, Ann  
Arbor, COTA

Dr. Henry LIU, is a tenured professor in the Department of Civil and Environmental Engineering at the University of Michigan, Ann Arbor. He is also a Research Professor at the University of Michigan Transportation Research Institute and the Director for the Center for Connected and Automated Transportation (USDOT Region 5 University Transportation Center). From August 2017 to August 2019, Prof. Liu served as the Chief Scientist on Smart Transportation for DiDi Chuxing in China and established and led its Urban Transportation Business Unit. Prof. Liu conducts interdisciplinary research at the interface of transportation engineering, automotive engineering, and artificial intelligence. Specifically, his scholarly interests concern traffic flow monitoring, modeling, and control, as well as testing and evaluation of connected and automated vehicles.





## **Christos S. XENOPHONTOS**

**Co-Chair TRB  
International  
Coordinating Council**

Christos S. XENOPHONTOS, Assistant Director for the Rhode Island Department of Transportation (RIDOT), has more than 35 years of experience in the Transportation field as an Engineer, Project Manager and Administrator. He currently leads RIDOT's Research and Innovation initiatives, including the Little Roady pilot project on Connected and Autonomous Vehicles. Christos has been particularly active, both at the national and international level and has a keen interest on the impact of emerging and disruptive technologies on transport agencies. He is the co-Chair of TRB's International Coordinating Council, Chair of PIARC's TC 1.1 on the Performance of Transport Administrations and Vice-Chair of AASHTO's Committee on Performance Based Management.



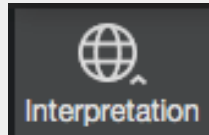
## **Nina GUAN**

**Director of International  
Cooperation Department  
CHTS**

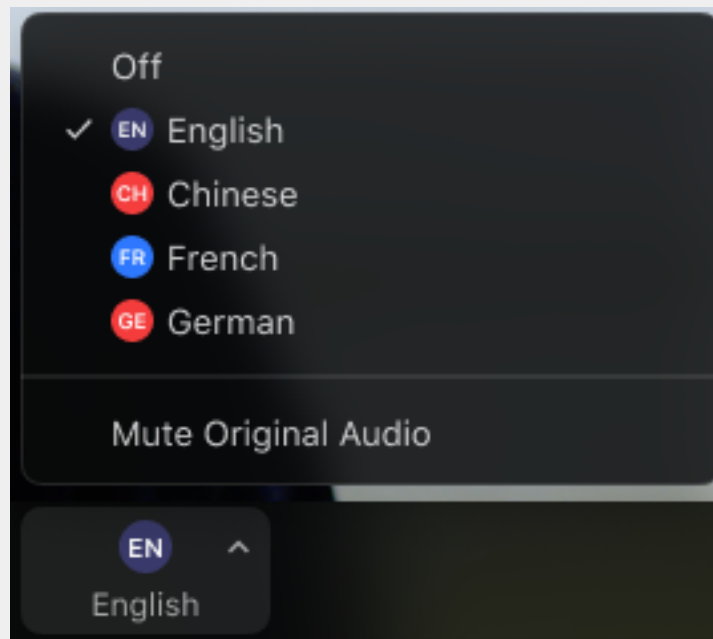
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In your meeting/webinar controls, click Q&A to open the Q&A window, allowing you to ask questions to the host and panelists. They can either reply back to you via text in the Q&A window or answer your question live.