MMM 2020 Mobility Management Meeting 2020

Mobility Management Meeting

2020

Intelligent Mobility Services Enhance Transport Sustainability

Webinar Series

TIME Aug. 2020 - Jan. 2021, 6 Webinars

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2020 US-China Mobility Management Meeting (MMM) Webinar ①

Transit Linkages with New Mobility and Micro-Mobility, And the Survival of Both Post COVID-19

26 August 2020 (EDT time)
27 August 2020 (Beijing time)

Hosts:
China Highway & Transportation Society (CHTS)
Transportation Research Board (TRB)

Register:
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Transit Linkages with New Mobility and Micro-Mobility, And the Survival of Both Post COVID-19

COVID-19 has caused a severe decline in public ridership worldwide. This decline on ridership is on top of the slow ridership declines that have been witnessed over the past decade almost everywhere in the US. Meanwhile, ride-hailing and micro-mobility companies which were rapidly expanding over the past decade, faced almost as precipitous declines during the pandemic. How can these industries survive the ridership decline? Is there a policy or technology solution that responds to all three industries? Are partnerships the solution? How important are common platforms? Will COVID-19 cause driverless vehicles to arrive earlier and how will their arrival change the trajectory of these industries?

Organizers:

International Cooperation Department of CHTS

International Coordinating Council, TRB

Standing Committee on Innovative Public Transportation Services and Technologies, TRB

AGENDA

8:00 p.m. - 11:00 p.m. 26 August 2020 (EDT time)

8:00 - 8:10	Welcoming Remarks	Wenjie LIU, Vice President & Secretary General of CHTS and Vice President of IRF Neil PEDERSEN, Executive Director, TRB
8:10 - 8:20	Introductions	**Nina GUAN, Director of International Cooperation Department, CHTS** Christos S. XENOPHONTOS, Co-chair of International Coordinating Council, TRB
8:20 - 8:40	Presentation 1	**Dr. Susan SHAHEEN**, Professor in Civil and Environmental Engineering at UC Berkeley and Co-director of the Transportation Sustainability Research Center (TSRC) of the Institute of Transportation Studies - Berkeley.
8:40 - 9:00	Presentation 2	**Dr. Xiaojing WANG**, Chief Scientist of National Intelligent Transport Systems Center of Engineering and Technology (ITSC), Chairman of China ITS Industry Alliance, Board Member of ITS World Congress and Chairman of ITS Committee of IRF.
9:00 - 9:20	Presentation 3	**Timothy PAPANDREOU**, Founder and CEO of Emerging Transport Advisors
9:20 - 9:40	Presentation 4	**Dr. Xiaoguang YANG**, Professor and Director of the Department of Comprehensive Transportation Information and Control Engineering, Tongji University.
9:40 - 10:00	Presentation 5	**Dr. Daniel SPERLING**, Professor and founding Director of the Institute of Transportation Studies Director at U.C. Davis
10:00 - 10:50	Panel Discussion	Moderator: **Carol SCHWEIGER**, President of Schweiger Consulting, Cochair of the Standing Committee on Innovative Public Transportation Services and Technologies, TRB
10:50 - 11:00	Wrap-up & Next Steps	**Nina GUAN**, Director of International Cooperation Department, CHTS

INTRODUCTIONS

Wenjie LIU has served to date as the secretary General and Vice President of China Highway and Transportation Society (CHTS), and 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 contribution to transportation development in China.

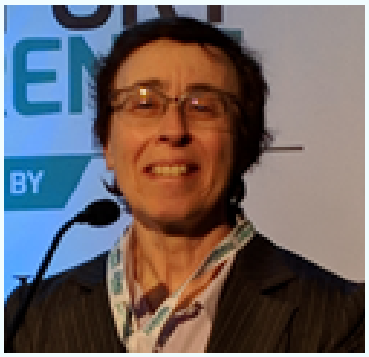
Neil PEDERSEN has been executive director of the National Academies' Transportation Research Board (TRB) since 2015. In that role he provides executive direction and leadership to TRB's technical activities, including its annual meeting of over 13,000 transportation professionals, its more than 200 technical 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.

MODERATORS

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. 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.

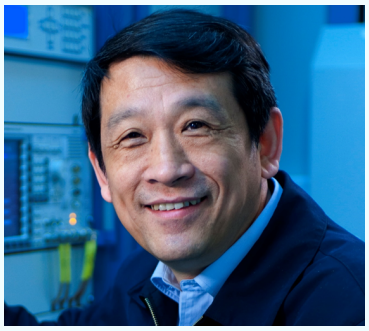
Christos S. XENOPHONTOS, Assistant Director for the Rhode Island Department of Transportation (RIDOT), and co-chair of TRB's International Coordinating Council has more than 35 years of experience in the Transportation field as an Engineer, Project Manager and Administrator. He currently leads RIDOT's 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, in the area of Performance Management and has a keen interest on the impact of emerging and disruptive technologies on the performance of Transport agencies.



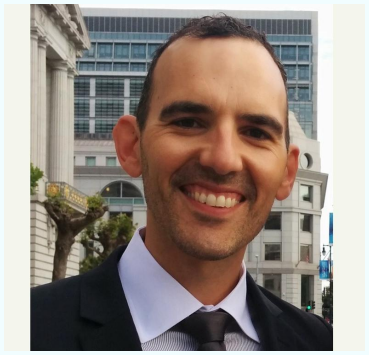
Carol SCHWEIGER, President of Schweiger Consulting, has over 40 years of experience, and is nationally and internationally recognized in transportation technology consulting. Her wide-ranging and in-depth expertise is in several specialty areas including systems engineering, technology strategies for public agencies (including technology-enabled mobility services), public transit and paratransit technology, traveler information strategies and systems, and Mobility as a Service. Ms. Schweiger has developed and delivered numerous training courses regarding transit technology for the USDOT and National Transit Institute (NTI) and has authored many transportation technology research reports for USDOT, US Federal Transit Administration, the US Transportation Research Board and Transport Canada.

PANELISTS

Susan SHAHEEN is a pioneer and thought leader in future mobility strategies. She was among the first to observe, research, and write about changing dynamics in shared mobility and the likely scenarios through which automated vehicles will gain prominence. She is an internationally recognized expert in mobility and the sharing economy and a professor in-residence in Civil and Environmental Engineering at UC Berkeley. She co-directs the Transportation Sustainability Research Center (TSRC) of the Institute of Transportation Studies – Berkeley. She has authored 75 journal articles, over 125 reports, 18 book chapters, and co-edited two books. She received the 2017 Roy Crum award from the Transportation Research Board (TRB) for her distinguished achievements. In May 2016, she was named one of the top 10 academic thought leaders in transportation by the Eno Foundation. She became Vice Chair of the TRB Executive Committee in 2020. She is also a member of the Mobile Source Technical Review Subcommittee of the U.S. EPA.



Xiaojing WANG, Chief Scientist of National Intelligent Transport Systems Center of Engineering and Technology (ITSC), Doctoral Supervisor of Southeast University and Beijing University of Posts and Telecommunications, Adjunct Professor of Tongji University, Beijing University of Technology and North University of Technology, Chairman of China ITS Industry Alliance and Vice-Chairman of the Working Committee on Automated Driving of CHTS. He was awarded the Second Prize of National Science and Technology Progress Award, the First Prize of Science and Technology Progress of the Ministry of Transport. In 2012, he was awarded the Distinguished Achievement Award of World ITS and entered the Hall of Fame of the ITS World Congress. In June 2015, he was elected as the Person of the Year by Scientific Chinese in 2014.



Timothy PAPANDREOU is the founder and CEO of Emerging Transport Advisors, which provides strategic guidance to companies, investors, start-ups and governments on active, shared, electric, connected and automated transport transition. Tim also co-founded City Innovate, a smart city platform that matches governments, companies and start-ups through emerging technologies. As the former strategic partnerships manager at Google X and Waymo, Tim collaborated with teams to prepare the commercialization of the companies and set up the first-in-kind partnerships to launch the world's first fully self-driving ride hail service in Phoenix, Arizona. He also served as Chief Innovation Officer for the San Francisco Municipal Transportation Agency, where he led cross-functional teams to deliver high profile initiatives.

PANELISTS

Xiaoguang YANG is currently Doctoral Supervisor of Tongji University, Director of ITS Research Center of Tongji University, and Director of Traffic Safety Office of Shanghai Institute of Disaster Prevention and Relief. He is mainly engaged in basic theory and key technology of transportation system engineering and ITS. He initiated the Joint Laboratory for Future City and Traffic and his achievements have been widely recognized at home and abroad.

He is also the Deputy Director of the Transport Teaching Committee and Director of Traffic Engineering Teaching Subcommittee of the Ministry of Education and Member of The International Symposium on Transport Network Reliability.

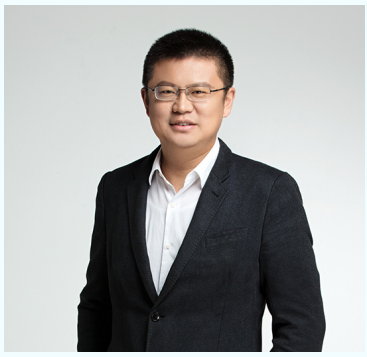
Dr. Daniel SPERLING is Distinguished Professor of Civil Engineering and Environmental Science and Policy, and founding Director of the Institute of Transportation Studies at the University of California, Davis (ITS-Davis). He holds the transportation seat on the California Air Resources Board and served as Chair of the Transportation Research Board (TRB) of the National Academies in 2015-16. Among his many prizes are the 2018 Roy W. Crum award from TRB, its highest research award; and the 2013 Blue Planet Prize from the Asahi Glass Foundation Prize for being "a pioneer in opening up new fields of study to create more efficient, low-carbon, and environmentally beneficial transportation systems." He served twice as lead author for the IPCC (sharing the 2007 Nobel Peace Prize), testified 8 times to the US Congress, and provided 20 keynote presentations in the past year. He has authored or co-authored over 250 technical papers and 13 books, including Three Revolutions: Steering Automated, Shared, and Electric Vehicles to a Better Future (Island Press, 2018), is a regular contributor to Forbes [forbes.com], an Energy Expert contributor for Wall Street Journal, is widely cited in leading newspapers, been interviewed many times on NPR radio, including Science Friday, Talk of the Nation, Marketplace, and Fresh Air, and in 2009 was featured on The Daily Show with Jon Stewart.

Dr. Sperling oversees the China Center on Energy and Transportation at ITS-Davis, serves on the international advisory committee of EV100 in China, advised the Chinese government on the design of its electric vehicle and fuel economy standards, and has made over 10 keynote presentations in China.

PANELISTS

Jifu GUO is the Director of Beijing Transport Institute and Vice Director of the Urban Construction and Environmental Protection Commission. In addition, he is a Visiting Professor and Doctoral Supervisor of Beijing Jiaotong University and Beijing University of Technology. He serves as the Vice Chairman of the Academic Commission on Urban Transport Planning of Urban Planning Society of China, Vice Chairman of the Transportation System Professional Commission of Systems Engineering Society of China, and Director of the Third Council of Beijing Association for Non-Party Senior Intellectuals.

Mr. Guo has been engaged in the research and practice of urban transport planning and transport management and has carried out a lot of work on the sustainable development of transport under the background of the rapid development of Beijing. He has successively participated in and led a number of national research programs undertaken international cooperation projects funded by the World Bank and the European Union.



Zhenning DONG, Vice President, Amap, Alibaba Group. Graduated from Dalian Maritime University, Electronic Engineering and CEIBS EMBA dual master's degree. Zhenning joined Autonavi Ltd. in 2004, responsible for transportation services business, as well as related fields with real-time traffic and vehicle information service. He presided over the development of Autonavi's online navigation platform, real-time traffic processing platform, real-time traffic publishing platform, real-time traffic and application service platform; access to dozens of patents, won the National Science and Technology Progress Award, the Liaoning Provincial Science and Technology Progress Award, Beijing Science and Technology Progress Award and the CEIBS outstanding graduates honor.

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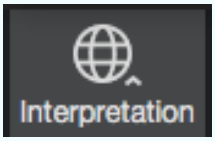

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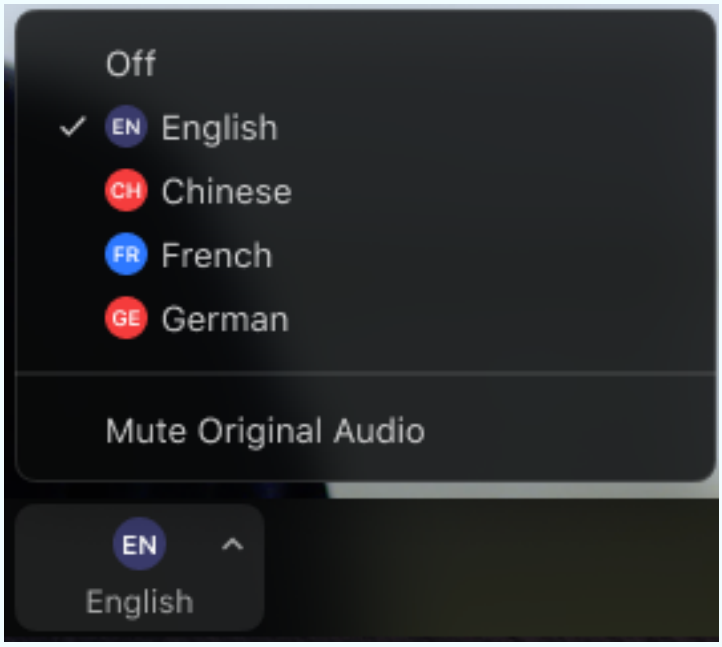

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