



# 15th COTA/WCTA Annual Symposium

## Towards Sustainable Transportation and Development: Policies, Technologies, and Implementations

**Time & Date:** 8:30 AM – 6:00 PM, Sunday, January 22, 2012

**Location:** Embassy Room, Omni Shoreham, Washington DC



### *Jointly Organized by*

*Chinese Overseas Transportation Association (COTA)*

*Washington, D.C. Chinese Transportation Association (WCTA)*

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**JAN. 22, 2012, EMBASSY ROOM, OMNI SHOREHAM, WASHINGTON DC**

<b>TIME</b>	<b>SESSION</b>
<b>8:30 – 8:50</b>	<b>Registration</b>
<b>8:50 – 9: 00</b>	<b>Opening Remarks</b> <b>Dr. Yinhai Wang</b> ( <i>yinhai@u.washington.edu</i> ), University of Washington <b>Mr. Allen Yang</b> ( <i>PSI@psivanness.com</i> ), Precision System Inc.
<b>9:00 – 10:00</b>	<b>Session 1: Sustainable Pavement</b> Moderator: <b>Dr. Qing Lu</b> ( <i>qlu@usf.edu</i> ), University of South Florida
9:00-9:20	1-1. <i>Characterization of Asphalt Fumes by Gas Chromatography/Mass Spectrometry for Alkanes and PAHs.</i> <b>Dr. Frank Farshidi</b> ( <i>ffarshidi@ucdavis.edu</i> ), UC Davis
9:20-9:40	1-2. <i>Life Cycle Assessment of Pavement Overlay Systems.</i> <b>Mr. Bin Yu</b> ( <i>yubin@mail.usf.edu</i> ), Ph.D. Candidate, University of South Florida.
9:40-10:00	1-3. <i>Cool Pavement for Heat Island Mitigation and Permeable Pavement for Stormwater Runoff Management.</i> <b>Mr. Hui Li</b> ( <i>hili@ucdavis.edu</i> ), Ph.D. Candidate, UC Davis.
<b>10:00-10:10</b>	<b>Coffee Break</b>
<b>10:10 –11:30</b>	<b>Session 2: Current Topics in Sustainable Transportation (1)</b> Moderator: <b>Lei Zhang</b> ( <i>lei@umd.edu</i> ), University of Maryland
10:10-10:30	2-1. <i>The Development of Beijing Transportation with Investment of 200 Billions RMB.</i> <b>Dr. Hongzhi Guan</b> ( <i>hguan@bjut.edu.cn</i> ), Beijing University of Technology
10:30-10:50	2-2. <i>Development of an Integrated ITS systems in Washington D.C.</i> <b>Dr. Jason Tao</b> ( <i>jason.tao@dc.gov</i> ), DC DOT
10:50-11:10	2-3. <i>Synergetic Relation between Resident Trip Mode Choice and Transit Priority Policy- A case study in Changchun, China.</i> <b>Dr. Bei Zhao</b> ( <i>zhaobei83@gmail.com</i> ), Beijing University of Aeronautics and Astronautics
11:10-11:30	2-4. <i>Development of ITS in the Pearl River Delta of China 中国珠三角智能交通发展.</i> <b>Dr. Xiying Li</b> ( <i>stslxy@mail.sysu.edu.cn</i> ), Sun Yat-sen University
<b>11:30-12:30</b>	<b>Session 3: Current Topics in Sustainable Transportation (2)</b> Moderator: <b>Dr. Yu Zhang</b> ( <i>yuzhang@eng.usf.edu</i> ), University of South Florida
11:30-11:50	3-1. <i>Using ITS Technologies to Support Incident Management Program Evaluation.</i> <b>Dr. Pei-Sung Lin</b> ( <i>lin@cutr.usf.edu</i> ), University of South Florida
11:50-12:10	3-2. <i>Trajectory Pattern Mining and Its Applications.</i> <b>Dr. Peng Cheng</b> ( <i>chengp@tsinghua.edu.cn</i> ), Tsinghua University
12:10-12:30	3-3. <i>Sustainable Metro Rolling Stock Operation and Maintenance Strategies Based on Nanjing Metro Company.</i> <b>Dr. Yongneng Xu</b> ( <i>x780906yn@163.com</i> ), Nanjing University of Science and Technology
<b>12:30-14:00</b>	<b>Lunch Break</b>
<b>14:00–15:00</b>	<b>Session 4: Alternative Energy and Transportation</b> Moderator: <b>Dr. Yanfeng Ouyang</b> ( <i>yfouyang@illinois.edu</i> ), UIUC
14:00-14:20	4-1. <i>Environmental Impact Assessment for Electric Vehicles in China.</i> <b>Dr. Yueyue Fan</b> ( <i>yyfan@ucdavis.edu</i> ) UC Davis
14:20-14:40	4-2. <i>Evaluation of Energy Consumption of Vehicles along a Stretch of Congested Freeway.</i> <b>Dr. Kuilin Zhang</b> ( <i>kzhang@anl.gov</i> ), Argonne National Laboratory

**JAN. 22, 2012, EMBASSY ROOM, OMNI SHOREHAM, WASHINGTON DC**

<b>TIME</b>	<b>SESSION</b>
14:40-15:00	4-3. <i>Biofuel Supply Chain Design under Competitive Agricultural Land Use.</i> <b>Dr. Yanfeng Ouyang</b> (yfouyang@illinois.edu), University of Illinois at Urbana-Champaign
<b>15:00-16:40</b>	<b>Session 5: Recent Advances on Intelligent Transportation Systems</b> Moderator: <b>Dr. Xuegang(Jeff) Ban</b> (banx@rpi.edu), Rensselaer Polytechnic Institute
15:00-15:20	5-1. <i>AASHTO's Connected Vehicle Efforts</i> <b>Mr. Jim Wright</b> (jimw@aaashto.org), AASHTO
15:20-15:40	5-2. <i>From Mobile Millennium to Integrated Corridor Management</i> <b>Dr. Alexandre Bayen</b> (bayen@berkeley.edu), UC Berkeley
15:40-16:00	5-3 <i>Internet of Vehicles and Infrastructure.</i> <b>Dr. Bin Ran</b> (bran@engr.wisc.edu), University of Wisconsin at Madison
16:00-16:20	5-4. <i>VGrid: A Vehicular Wireless Mesh Network Enabled Computing Grid for Efficient Transportation Management</i> <b>Dr. Michael Zhang</b> (hmzhang@ucdavis.edu), UC Davis
16:20-16:40	5-5. <i>INRIX Data Services for Transportation System Management.</i> <b>Mr. Ted Trepanier</b> (ted@inrix.com), INRIX
<b>16:40-16:50</b>	<b>Coffee Break</b>
<b>16:50-17:50</b>	<b>Session 6: COTA/WB Joint Panel Session on the Implementations of Integrated Corridor Management in China</b> Moderator: <b>Dr. Ke Fang</b> (kfang@worldbank.org), World Bank <b>Mr. Jason Wang</b> (jwang@arc.gov), US Appalachian Regional Commission
	<b>Panel:</b> <ul style="list-style-type: none"> <li>• <b>Dr. Ke Fang</b> (kfang@worldbank.org), World Bank</li> <li>• <b>Mr. Sam Zimmerman</b> (zimmerman.sam@gmail.com), WB</li> <li>• <b>Ms. Winnie Wang</b> (winniewang@worldbank.org), WB</li> <li>• <b>Dr. Said Dahdah</b> (sdahdah@worldbank.org), WB</li> <li>• <b>Dr. Meng Li</b> (mengli@tsinghua.edu.cn), Tsinghua University</li> <li>• <b>Dr. Zhiheng Li</b> (zhkli@mail.tsinghua.edu.cn), Tsinghua University</li> </ul>
<b>17:50-18:00</b>	<b>Closing Remarks</b> <b>Dr. Heng Wei</b> (heng.wei@uc.edu), University of Cincinnati
<b>18:00</b>	<b>Adjourn</b>