

GPS for Transportation Symposium

May 17, 2013

9:00 am	REGISTRATION: OPEN
9:45 – 10:00 am	OPENING REMARKS
10:00 – 10:45 am	KEYNOTE SPEAKER <i>Big Data - The Future of Ground Transportation Technology</i> Matthew W. Daus, City College, CUNY
10:45 – 11:15 am	<i>High-Performance Analytics on Large-Scale GPS Taxi Trip Records in NYC</i> Jianting Zhang, City College, CUNY
11:15 – 11:30 am	B R E A K
11:30 – 12:00 pm	<i>GPS Data Collection for Regional Transportation Surveys</i> Timothy Michalowski, Abt SRBI
12:00 – 12:30 pm	<i>Combining GPS/Smartphone, GIS, and Cloud Computing for Travel Surveys</i> Hongmian Gong, Hunter College, CUNY
12:30 – 1:30 pm	L U N C H
1:30 – 2:00 pm	<i>AWAS -- Automatic Wireless Announcement System for Buses</i> Umit Uyar, Visar Ramku, & Jianmin Zou, City College, CUNY
2:00 – 2:30 pm	<i>Safer Automated Driving - GPS is more than Positioning</i> Nicholas Maxemchuk, Columbia University
2:30 – 3:00 pm	<i>Urban Freight Performance Measurement Using GPS Data</i> Xuegang (Jeff) Ban, Rensselaer Polytechnic Institute
3:00 – 3:15 pm	B R E A K
3:15 – 3:45 pm	<i>Privacy-Preserving Mobile Parking and Traffic Monitoring</i> Marco Gruteser, Rutgers University
3:45 – 4:15 pm	<i>Crowdsourcing Bicycle and Pedestrian Traffic Data: The Ped/Bike Counter Android App</i> Alyssa Pichardo, Hunter College, CUNY
4:15 – 4:45 pm	<i>Dynamic Differential GPS as a Tool to Monitor Long Span Bridge Vibrations</i> Andrew Smyth, Columbia University
4:45 – 5:00 pm	CLOSING REMARKS

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