

UTRC-REGION II NEWSWIRE

UTRC Press Release

Tuesday, April 16, 2013

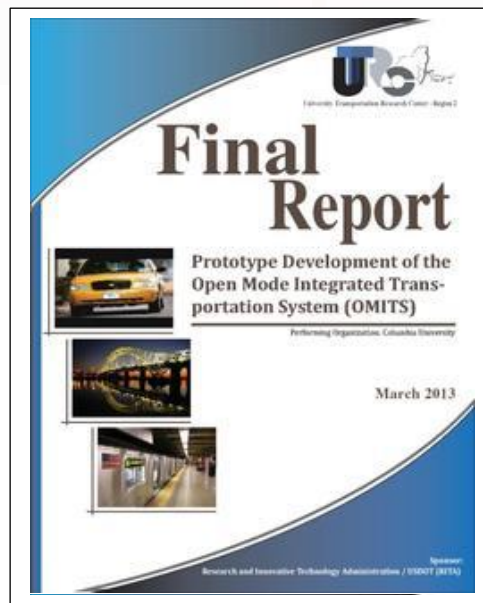
Contact: Nadia Aslam
Assistant Director for Technology Transfer
University Transportation Research Center - Region 2
Tel: 212-650-8051
Email: nadia@utrc2.org

The University Transportation Research Center Publishes the Final Report for the Research Project Titled: "Prototype Development of the Open Mode Integrated Transportation System (OMITS)"

UTRC has released a final report for the research titled: "**Prototype Development of the Open Mode Integrated Transportation System (OMITS)**", funded by the Research and Innovative Technology Administration/USDOT (RITA). The principal investigator was **Dr. Huiming Yin**, an assistant professor at Columbia University.

This report presents an overview of the Open Mode Integrated Transportation System (OMITS), introduces its key components and algorithms in the recent development and implementation, and demonstrates the working mechanism of dynamic transit service. The OMITS has been designed to integrate the availability of multiple transit modes into the ridesharing service to provide riders and drivers flexible, efficient, and reliable transportation services, through dynamic matching and routing algorithms and emerging information communication and data mining and fusion technologies. The OMITS App, which is run on a smart phone (iPhone or Android), has been developed for customers to communicate with the OMITS server, detect roadway traffic conditions, and receive driving directions.

The full report is available for a free download at the UTRC website: <http://www.utrc2.org/publications/integrated-transportation-system-final>



Like us on Facebook 

Follow us on twitter

View our profile on Linked 

About The University Transportation Research Center

The University Transportation Research Center (UTRC) is a USDOT Regional Transportation Center addressing surface transportation operations, management, design economics and planning. The Region 2 University Transportation Research Center is one of ten original National Centers, established in 1987, in recognition that transportation plays a key role in the nation's economy and in the quality of people's lives. Located at the City University of New York, the Center is a Consortium of 17 major Academic Institutions in New York, New Jersey, and Puerto Rico. Through the Grant supporting the Center, the mission incorporates research, education and the transfer of technology in the field of transportation. Academically based, the work of Faculty and Students – graduate and undergraduate provide a critical link in resolving our national and regional transportation problems while training the future and current professionals who address our transportation system and their customers on a daily basis. For more information, visit www.utrc2.org.