

# JOIN US

Friday, June 29, 2012 ♦ 8:30 AM – 1:30 PM  
University of Memphis  
Herff College of Engineering Executive Training Center



## Workshop Demonstrating an Integrated Transportation Planning & Operations Model for Memphis, TN

### Workshop Agenda

8:30 am	Working Breakfast & Introduction to Project
9:15 am	Development of Integrated Transportation Planning Model <ul style="list-style-type: none"><li>Model Characteristics for TRANSCAD, VISTA, PARAMICS, SYNCHRO</li></ul>
10:45 am	Model Demonstration
11:45 am	Working Lunch to Discuss Future Development & Hands-on Demo
1:30 pm	Depart

### Workshop Content

Dr. Mike Golias, Assistant Professor with the Department of Civil Engineering at the University of Memphis will explain and demonstrate a new integrated transportation model developed for the Memphis, TN metropolitan area. The model incorporates the existing transportation planning model developed based on TRANSCAD and incorporates additional traffic simulator and traffic operations software. This model uses traffic simulation to replicate the complex traffic flow dynamics especially for signalized systems where the vehicle and signal interactions are difficult to model analytically. This enables dynamic control and management systems to anticipate problems before they occur rather than simply reacting to existing conditions. The proposed integrated model could be adopted by MPOs, DOTs, emergency operators and the City of Memphis to model various infrastructure and operations alternatives and select the best ones for implementation.

Register at  
[www.memphis.edu/ifti](http://www.memphis.edu/ifti)

Workshop is free,  
but registration is  
required.

Space is limited to  
the first 25 people.

RSVP by June 25,  
2012