



NATIONAL CENTER FOR TRANSPORTATION SYSTEMS PRODUCTIVITY AND MANAGEMENT

TRANSPORTATION WEEKLY SPEAKER SERIES

THURSDAYS AT 11 AM MASON BDG, RM 1133

Mark your calendars for a weekly speaker series each Thursday at 11 am throughout the academic year on the Georgia Tech campus. The purpose of this speaker series is to foster discourse and information exchange between academics, students, and transportation professionals, both on the local and national levels. Topics will include research at Georgia Tech, local transportation issues, and broader topics of interest to the transportation community.



February 6, 2014:

Dr. Peter Campbell

*Modeling the interaction of
traffic and land use planning in
South East Metro Sydney*



Dr. Peter Campbell
Professor of Systems
Modelling and Simulation
and Research Leader in the
Defence and Systems Institute
(DASI) at the University
of South Australia; and
Professor of Infrastructure
Systems, SMART
Infrastructure Facility,
University of Wollongong

The SMART Infrastructure Facility group at UOW has just completed a contract for the NSW Government to model the interaction of traffic options and land use planning options against the possible responses of the effected populations of an area in South East Metro Sydney. The presentation will give a brief background to the project, discuss the architecture and design of the model and then the synthetic population, liveability factors and the travel data used to model mode decisions by the agents. Some performance issues will be discussed and some typical output presented. Plans for further extensions to the model will also be discussed.

Please RSVP at:
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