

Measurement and Analysis of Mobility

Friday, August 31, 2018

2:00 - 3:15 PM (US Arizona)

College Avenue Commons (CAVC) Room 559 (Parking)



Dr. Jimmy Armoogum

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About the Talk

Two main directions characterize my research: the first relating to methods and statistical tools, and the second relating to the understanding of behaviors in motorization and mobility of households and individuals. This has led to a demographic approach to motorization and mobility. Although classical quantitative methods of collecting mobility (Household Travel Survey, National Transport Survey) have been proven, change in methodologies are necessary to gain in cost, accuracy, time to get the data, etc. But we need to keep the capacity to measure changes in mobility behavior (using two consecutive surveys). The analyses of mobility are based on a dynamic vision of mobility for the comprehension of the mechanisms, such as breaks of tendency or inflections of the behaviors of mobility. The presentation will shed light on current issues, such as rising/decreasing fuel prices and their impact on disparities and inequalities in mobility.

About the Speaker

Jimmy Armoogum is a senior researcher at the Laboratory Economic and Social Dynamics of Transport (DEST) of the French Institute of Science and Technology for Transport, Development and Networks (IFSTTAR). He holds a PhD in Mathematical Statistics from the University of Brussels. His research focuses on travel survey methodologies and its analysis, and modeling including the long-term projection of motorization and mobility. He has already completed several research projects for French and European frameworks research programs. He co-chairs the TRB subcommittee on household travel surveys (ABJ40-1) and Chaired the European COST Action (European Cooperation in Science and Technology) "Survey Harmonisation with New Technologies Improvement" (SHANTI). The goal was to produce recommendations and guidelines towards a European travel survey that will ease the assessment of European level policies in term of efficiency and equity. The SANTI network consisted of 37 research institutions from 21 European countries and Australia.

This seminar is webcast live to a worldwide audience by ASU Engineering – Global Outreach and Extended Education (GOEE). To access the live webcast and archive of previous seminar recordings, please visit: <http://links.asu.edu/ASU-Transportation-Seminar>

Light refreshments will be served. Event is open to the public.



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