



Orf 467F16 Final Project Symposium

Prof. Alain L. Kornhauser

Serving the Nation's Personal Mobility Needs (~1B personTrips/day)

**with the Casual Sharing of autonomousTaxis (aTaxis) &
Today's Urban Rail, Amtrak and Air Transport Systems**

Quantifying Implications on:

Average Vehicle Occupancy (AVO), Energy, Environment & Congestion
aTaxi Fleet Size & Empty Vehicle Management, and
Ridership on Today's Fixed-Rail Transit Systems & Amtrak

Saturday, January 14, 2017, 10:00am -> 1:30pm
101 Sherrerd Hall, Princeton University

(Park in lot behind Sherrerd off of Olden St. or North Garage off of Prospect Ave.)

Time	Last	First	Topic	ppt	Report
10:00	<i>Bush Manoloff</i>	<i>Richard Alex</i>	Introduction & Description of Nation-Wide personTrip Synthesis	Link	Link
10:15	<i>Helmers Joshi Zhu</i>	<i>Jeb Arnav Gavin</i>	Casual RideSharing of Short personTrips (0.5 < GCD < 2.0 miles) Summary of Findings	Link	Link
10:30	<i>Wood Haile</i>	<i>Evan Elizabeth</i>	Transit Trips (West of Chicago)	Link	Link
10:45	<i>Cuffe Lowell Yablonski</i>	<i>James Jarret Alex</i>	Transit Trips (Chicago & East w/o NY, ect.)	Link	Link
11:00	<i>Deng Ni</i>	<i>Jessica Julia</i>	Transit Trips (NY,NJ, CT)	Link	Link
11:15	<i>Chance D'Agostino</i>	<i>William Franco</i>	200 < Long personTrips < 500 miles charactersistics & Amtrak Ridership	Link	Link
11:30	<i>Hare Chaudhry Liu</i>	<i>Adam Hassan Daniel</i>	500 < personTrips < infinity charactersistics and portential ridership on Airplanes	Link	Link
11:45	<i>Van Cleve Zeigler Kiles</i>	<i>Bill Tianay August</i>	2.0 < GCD < 200 miles: NationWide Stats & AVO with Infinite-sized Vehicles	Link	Link
12:30	<i>Button Valen</i>	<i>Sam Antigone</i>	AVO and Vehicle management/Fleet size/empty/Miles Fleet of 5 pass. aTaxis serving 2.0 < GCD < 200 miles	Link	Link
12:45	<i>Haynes Ikpeazu</i>	<i>William Ifeyinwa</i>	Best size aTaxis to serve 2.0 < GCD < 200 miles: AVO & Fleet size	Link	Link
13:00	<i>Moreno Uhl</i>	<i>Emilio Isabelle</i>	Multi-sized vehciel fleets, Implications on Fleet sizes & Vehicle management	Link	Link
13:15	<i>Martinez Navarro</i>	<i>Houston Wyatt</i>	Summary of Findings What about Tourist/Leisure Trips?	Link	Link