

# METRANS

## FALL 2024

### SPEAKER SERIES

October 16, 2024  
12- 1 PM PST

RGL 101 or Zoom

## Stochastic Ride Sharing System with Flexible Pickup and Drop-Off



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Ridesharing systems can significantly improve the efficiency of transportation systems by utilizing unused spaces in a vehicle. However, a big obstacle in planning a carpool ridesharing system is the uncertainty that is inherent in the system. The purpose of this research is to provide a ride-sharing planning scheme that will consider all three sources of uncertainties to provide a robust travel plan while at the same time reducing travel time for the commuters.

View final report here:

<https://escholarship.org/uc/item/2s1487wk>



**Zoom**

<https://usc.zoom.us/j/98793874966>

**RSVP via QR code or link below:**

<https://forms.gle/qRMMNzHPHG2NguN76>