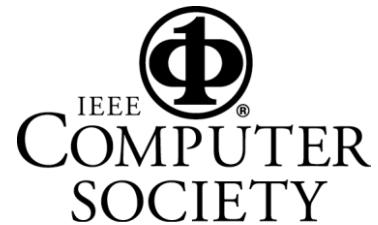


PRINCETON ACM / IEEE COMPUTER SOCIETY  
MARCH 2024 JOINT MEETING



## The Real Case for Autonomous Vehicle Mobility

### Putting Driverless Vehicles to Use for Those Who Really Need a Ride

(this talk was rescheduled from November 2023)

Driverless vehicles have a future in making the world better. Alain Kornhauser will discuss mobility technology and its role in improving people's quality of life. Today, there is significant inequality in the availability of mobility, so why can't new technology be employed to help level the mobility playing field? It's better than just being another toy for those that already have way too many toys. Alain will discuss the details of a specific proposed system – a Trenton mobility project called Mobility and Opportunity: Vehicles Equity System (MOVES) – to show what mobility might look like in places like Trenton and Mercer County.

**Dr. Alain Kornhauser** is Professor, Operations Research & Financial Engineering, and Chair, Princeton Autonomous Vehicle Engineering, at Princeton University. He has been studying the possibilities of rapid transit in the urban environment since the 1970s. As the progenitor of the Princeton Transportation Network Model, he was one of the early proponents of leveraging Geographic Information Systems in the study of transportation systems, and his work has had a significant effect on the North American freight railroad system. He founded ALK Technologies, Inc., which brought to market the roadway and railway systems digital map database credited as being used by the majority of North American railroad and trucking companies. More recently, he has turned his focus to autonomous taxi and urban transit to enable more widespread mobility.

Kornhauser is author of the just-released book *The Real Case for Driverless Mobility: Putting Driverless Vehicles to Use for Those Who Really Need a Ride* by Alain Kornhauser and Michael Sena.

Date:	Thursday, March 21, 2024, 8:00 pm EDT (Note: Refreshments and networking start early – at 7:15 pm.)
Place:	<b>HYBRID MEETING</b> (both in-person and online)
In-person:	Princeton University Computer Science Building Small Auditorium, Room CS 105 35 Olden Street, Princeton NJ
How to register for the online meeting:	<ul style="list-style-type: none"><li>• Send email to <b>PrincetonACM@gmail.com</b></li><li>• OR Register on <b>Meetup.com</b> (<a href="http://meetup.com/IEEE-Princeton-Central-Jersey-Section">http://meetup.com/IEEE-Princeton-Central-Jersey-Section</a>)</li></ul>
Information:	Dennis Mancl (908) 285-1066
On-line info:	<a href="http://PrincetonACM.acm.org">http://PrincetonACM.acm.org</a>

Princeton ACM / IEEE Computer Society meetings for the 2023-24 season will be “hybrid”. You have a choice: attend the talk in-person, or view the meeting online from home. To join the online, you must register in advance, and you will receive an email with instructions for how to connect to the talk.

All Princeton ACM / IEEE Computer Society meetings are open to the public. Students and their parents are welcome. There is no admission charge, and refreshments are served.

A pre-meeting dinner is held at 5:45 p.m. at Applebee's (3330 US 1, Lawrenceville, near Quakerbridge Mall). Please send email to [princetonacm@gmail.com](mailto:princetonacm@gmail.com) in advance if you plan to attend the dinner.