



Welcome to AV Hell

Session 3 (2:30 PM – 3:20 PM)	RH 325
Please use this document to take notes collaboratively with your fellow Campers. Do not edit the header. If you have any questions, please ask a volunteer.	

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Heaven

FAVES defined: Fleet of Autonomous Vehicles (that are) electric and Shared

- Fewer parked cars
- Increased accessibility
- Lower mobility cost
- Increased non-mobility time
- ability to make better use of time while traveling/productivity
- End of car ownership
- Safety, reduced deaths/"accidents"/crashes
- Decreased emissions, increased health, reduced carbon emissions
- Reduced parking facilities, eliminate parking requirements
- Better rule enforcement
- Road space efficiency
- Increased public space/space for non-car use, including bikes/buses
- Eliminate driver operation costs/transit operational improvements
- Economic growth
- Decreased freight costs
- Less congestion?
- More money/space available to public/affordable housing
- More reliable/predictable mobility in terms of travel time
- Efficient pricing of transportation modes and use and impact

Hell!

- Decline of high-volume public transit as a service
- Assumption of door-to-door service, leading to decline of neighborhood public space/and services
- Sprawl on steroids

- Destroys urban environment
- Cybersecurity/malfunctioning technology/complexity
- Safety concerns during transition
- Endless transition/classic car enthusiasts/permanent human element
- Increased congestion
- Increased Single-occupancy vehicles and Zero-occupancy vehicles ZOMBIE CARS
- Economic disruption
- AVs gone wild - decreased safety/efficiency - due to poor infrastructure/snow
- Increased energy use
- Liability - “
- Impose “structure” on our great urban spaces/urbanity
- Excessive regulation on pedestrians/non-motorized vehicles
- Increase social isolation/Wall-E future
- Increased costs - for both new and legacy tech
- Increased inequality
- Racist Geofencing - world of gated communities
- Regional inequality - future is not evenly distributed
- Decline outside of Urban/Exurbs, i.e.the suburbs - suburbanization of poverty
- Lack of resiliency
- End of funding for non-motorized modes
- Inefficient service/access-a-ride level of service
- Insane/improbable levels of infrastructure for EVs - lack of resiliency
- Machines overthrowing society/terminator
- Spiraling cost increases
- Persistent micro-deliveries
- Permanent mobile living
- Tragedy of the commons

Solutions for how to avoid AV Hell?

- Don't trust the car companies - predatory delay
- Regulation dictating that AVs must be “Shared”
- Liability - assign to car companies
- Public benefit companies - are AVs a natural monopoly?
- Implement policies now to get ahead of negative consequences
- Urban growth boundaries
- Affirmatively define future values, and monitor through time
- Limit speeds in urban areas - software defined/enforced
- Organize!
- Pricing! - curb access, vmt (or similar), road impact
- Incorporate non-transportation fields into discussion