

Driverless in SF

What can we learn from driverless robotaxis such as Cruise and Waymo?

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Intertraffic
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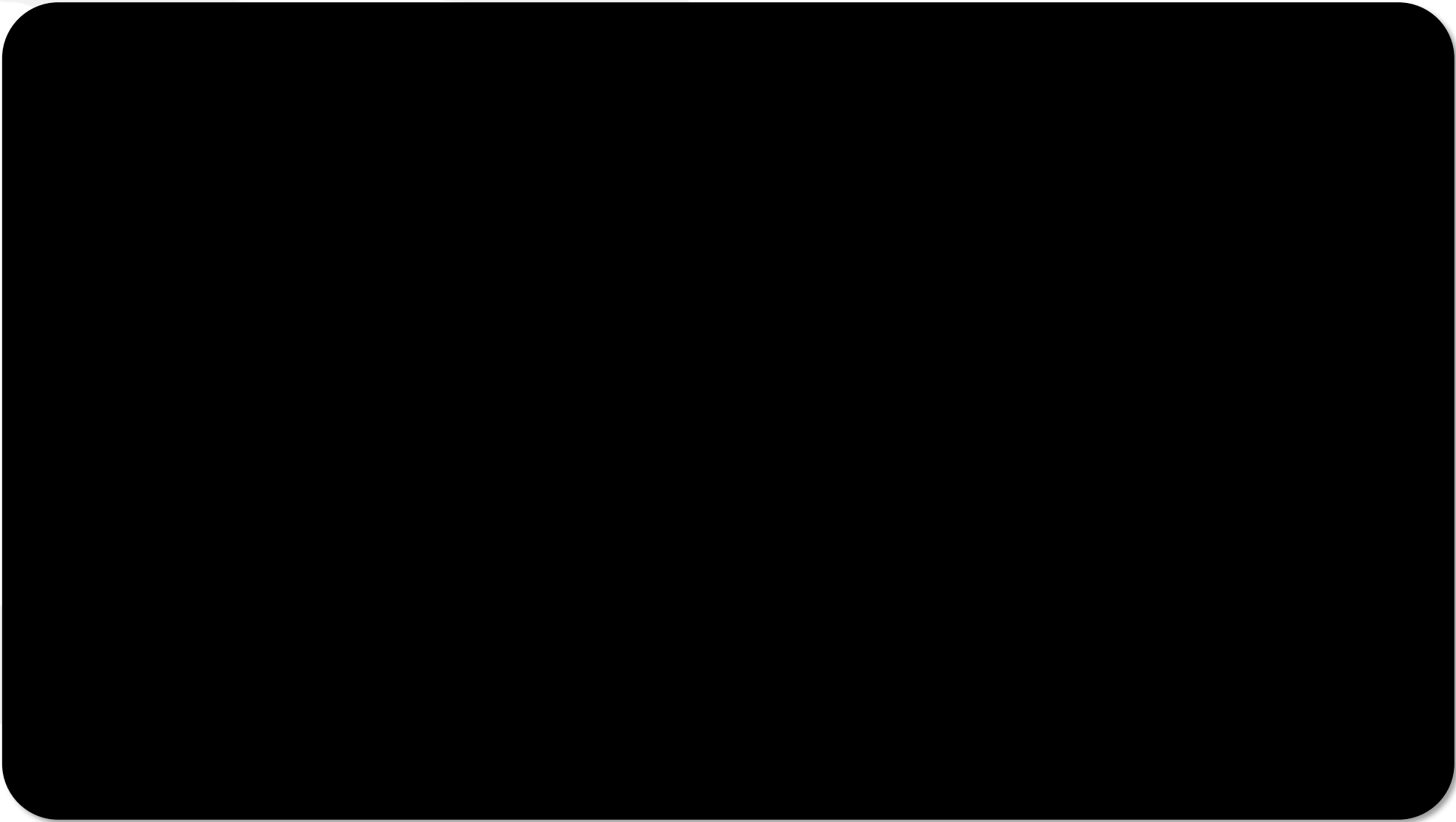


Demo '98 – Rijnwoude, Netherlands



July 2023 - San Francisco, United States





My first ride, San Francisco, 3 August 2022



Waymo visit 2023 - San Francisco, United States





Waymo and Zoox in the streets of San Francisco, July 2023





First world leader in a Waymo, Phoenix, December 2023



Opportunity to ride with Cruise and Waymo

Events in San Francisco, summer 2023

- ITFVHA - <https://itfvha.maptm.nl/>
- ARTS23 - <https://trb.secure-platform.com/a/page/automatedroadtransportationsymposium>

Many European experts who attended these events also had the opportunity to ride with Cruise and Waymo. We asked them about their experiences, 20 responses



Self driving experiences, SF 2023

Friday, November 17, 2023

/ 3

San Francisco, July 2023



Questions asked



- How many rides with self driving vehicles did you take during your visit to SF and with which vehicles?
4,3 rides per expert
- Was this first time you had such a ride? (not counting demos with prototypes and safety drivers under controlled conditions)
Yes 16 / No 4 (80%)
- What was your experience? Can you give some positives and negatives?
- Has it changed your perspective on automated vehicles and the work you do?
Yes 18 / No 2 (90%)
- Can you share some pictures and/or videos of your rides?





Find answers



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How sustainable is Connected, Cooperative and Automated Mobility?

Connected, cooperative and automated mobility (CCAM) sets the stage for a transformative shift in mobility paradigms, extending its impact from technological realms to social aspects and the practicalities of large-scale deployment. Priorities are usually set around safety, user acceptance and inclusiveness. However, sustainability implications are of increasing relevance also in the transport sector, making it [...]

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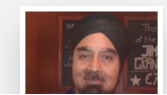
Seeing is believing: Riding with Cruise and Waymo in San Francisco

This summer, many European CCAM experts, including some FAME representatives, attended two events in San Francisco; the annual Automated Road Transportation Symposium (ARTS)¹ and the International Task Force on Vehicle Highway Automation (ITFVHA)². This proved to be a great opportunity to catch rides with Cruise and Waymo, which now both have commercial deployments of level [...]

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A new form of collaboration on automated mobility in Austria



Advancements in ITS and the Path to CCAM: challenges and opportunities

Positive and negative experiences

- » Smooth driving
- » Feels safe
- » Assertive
- » Stops for pedestrians
- » Sticks to the rules
- » Sticks to the rules...
- » Mobbed / attacked
- » Pick up & drop off issues
- » Illogical routes
- » Bricking
- » Interaction with first responders



How to solve these negative experiences?

- » Necessity of remote monitoring and remote support
- » Connectivity is key to Facilitate and/or enhance automated driving
- » Future traffic management for AVs
- » use externally sourced information to close / overcome ODD gaps or deal with them (ToCs)
- » Managing the curb is essential, PUDO locations, dynamic use
- » Plans to create mobility hubs where AVs can strategically wait / charge
- » Multistakeholder and multidisciplinary challenge(s), cooperation is key



MAP >> Transforming Mobility

Thank you for your attention

Let's discuss!

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