

2023-02-16 Racking Working Group Meeting #3284

QZJGeorge started this conversation in **Working group meetings**



QZJGeorge on Feb 21, 2023

Collaborator

edited ▾

Attendees

- David Walmroth (Ann Arbor Autonomous Vehicle Group)
- AlbiM (Danlaw)
- Mitsudome-san (Tier.IV)
- Bonolo (Autoware)
- Zhijie Qiao (Autoware)
- Jack Silberman (UCSD)
- Christian John (Tier.IV)
- Haoru Xue (CMU)

Minutes: Zhijie (George) Qiao

Action Points

- Autonomous Karting Series (This is a completely new event, we can 100% control it)
 - <https://autonomousskatingseries.com/>
 - Date: May 15th - 19th, 2023
 - Location: Purdue University
 - Schools: UCSD, UPenn (Autoware CoE), GT, KSU, Berkeley (maybe), Purdue
 - Timed trials for this year (obstacle avoidance, fake | real)
 - Next year it will be head-to-head
 - Race control (act on a flag)
 - Everyone needs to demonstrate an emergency stop (on the condition of pressing a button or losing contact of a button). Need something - that's in the range all the time for safety purposes (Airmax bullet ac to talk to infrastructure).
 - Figuring out the working space at Purdue (packing & maintenance)
 - Also the infrastructure at Purdue

Autoware Tutorial / Workshop

- <https://2023.ieee-iv.org/tutorials/> (hands-on tutorial)

Category



Working group meetings

Labels

meeting:racing-wg

1 participant



- <https://2023.ieee-iv.org/workshops/>
 - Various papers
 - Anyone implementation work with Autoware
 - More like a presentation
 - Simon has talked to Rahul
- Groups of interest?
- What do we do after the conference (some relaxation and fun)?
 - Hiking
 - Fishing
 - CJ can guide us
- Professor at University of Alaska wants some same presentation on campus
 - Still planning
 - Ask him if he wants to help (campus dorm)
- Indy Autonomous Challenge (IAC)
 - Race June 16th - 18th
 - Demonstration style
 - Six cars parade over the audience
 - Then timed racing
 - Software: run Autoware Universe (modular deployment, particularly perception, lateral MPCs, stable at 70m/s in the simulation)
 - Last competition, Haoru's team went 140 miles/hour.
 - Upstream the modules into the Autoware Universe?
 - Not much new developments?
 - Can try to figure out a way.
 - Progress discussion with Mitsudome-san.
- Upcoming Events/Plans
 - Bringing up the AKS | ICA events at the marketing WG
 - Sponsorship discussion
 - Autoware Auto used to be on the car, but now all the logos are gone
 - Head of the market WG is Samet (follow up with him)
- Other topics
 - CJ meeting setup with Amazon deep racer March 1st (with the head)
 - General discussion about bringing Autoware on the deep racer platform (current platform does not have enough performance)
 - They are setting a lab in Santa Clara (automotive focus)
 - Also a 1/10 scale race track for demonstration
 - Show customers all the technology and AWS
 - Instructional material for Autoware Foundation
 - CJ discussion with Rahul
 - CoEs different modules (perception, control, planning, simulation)
 - Students need time to ramp up on the Autoware Universe
 - Autoware online boot camp for all the CoEs and foundation members (cover the details of Autoware Universe, experts from Autoware, Tier IV, Leo Drive...)
 - Then, each university can take responsibility of one module

- Meeting tomorrow 2/17 with UCLA (send out message to join)
- UCSD CoE discussion

Action Items

- In the next Racing WG (03/02/2023), Bonolo can give a 20-30 minute training on Public Relations (PR).

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0 comments