

EECS192 Lecture 14

Apr. 30, 2019

Notes:

1. Oral reports-
 1. Block 1 tbd
 2. Block 2 tbd
2. Submit pdf of ppt slides to BCourses by 5pm Tues May 7.
3. Final review? (Tues 5/7, 5 pm)
4. Final exam: Fri May 17, 1130-230 pm, Wheeler 204
5. NATCAR signup up natcar@ucdavis.edu) by May 7
6. NATCAR is Saturday 5/11

Topics

- Round 2 Results
- Mechatronics in Biomimetic Millisystems Lab

Oral Reports- time choice

Tues May 1, 1-3 pm

Tues May 1, 2-4 pm

Tues May 1, 3-5 pm

Wed May 2, 10am-12 pm

Wed May 2, 3-5 pm

Thu May 3, 9am-11 am

Thu May 3, 3-5 pm

Round 2 Results

- **2015:** 36.11, 36.29, 37.19, 38.83, 40.77, 44.44, 44.95, 47.95, 48.3, 49.77, 50.49, DNF
- **2016:** 28.45, 34.97, 37.99, 44.71, 58.87, 64.58, 76.6, DNF, DNF, DNF
- **2017:** 50.6, 51.6, 53.6, 58.1, 58.2, 60.2, 61.9, 64.1, 67.0, 73.3, DNF, DNF
- **2018 (400 ft):** 43.800, 61.035, 71.273, 98.938, 101.625, 102.189, 102.606, 132.839, DNF, DNF
- **2019 (420 ft):** 47.899, 50.927, 53.961, 61.717, 64.72, 69.328, 105.752, DNF, DNF

-0.5 points

Twitchy steering

-0.5 points

Goes wide on curves

-0.5 points

Oscillatory step response

-1 point

Hit cones

-1 point

Loose hardware
including car scraping on track

-0.5 point

Overshoot finish line