

| Project Name   | Time    |
|--|---------|
| <b>Wednesday August 12 2020</b>  |         |
| Traffic Congestion Prediction and Recommendation System                                  | 1:30PM  |
| Medical Drone  | 2:30PM  |
| Advanced driver assistant system (Bump detection)  | 3:30PM  |
| USING EYE GAZE TRACKING AND IMITATION LEARNING TO IMPROVE AUTONOMOUS DRIVING             | 4:30PM  |
| End-to-end self-driving using Sensor fusion and Reinforcement Learning                   | 5:30PM  |
| 5G Improvement Performance using massive MIMO and beamforming (Comm Team)                | 7:30PM  |
| 5G Improvement Performance using massive MIMO and beamforming Digital Team)              | 8:30PM  |
| <b>Thursday August 13 2020</b>   |         |
| Dual Mode Crash Avoidance  | 9AM     |
| RF Design of Bluetooth Transceiver   | 10AM    |
| Analog Layout Automation   | 11AM    |
| Generic UVM for soft processors  | 12 noon |
| UVM Verification for NB-LTE IoT uplink digital transmitter                               | 1PM     |
| Digital Implementation of The RISC-V Based on Open-PULP Core                             | 2PM     |
| Wireless Signal Identification Team  | 3PM     |
| Low Power Narrowband IoT Downlink Receiver   | 4PM     |
| Accelerating aware Machine Learning for SqueezeNet algorithm design and verification     | 5PM     |
| Design and implementation of PCI-E Core  | 6PM     |
| <b>Sunday August 16 2020</b>   |         |
| Natural and fully multimodal interaction with the vehicle and it's surroundings          | 9AM     |
| Flash Over The Air (FOTA)  | 10AM    |
| Acceleration Aware Machine Learning Algorithms Design and Verification (ZynqNet)         | 11AM    |
| High-Speed Serial Data Link Transceiver  | 12 noon |
| Automobile security system bases on face recognition and CAN bus security implementation | 1PM     |
| Advanced Driving Assistant System based on V2X communication Technology                  | 3PM     |
| Modular approach based self driving car  | 4PM     |
| Precision Agriculture  | 5PM     |