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- Platooning
- Test and Verification
- HD Maps
- AI
- Connected Mobility
- Delivery Robots
- AV Public Perception
- Connected 5G
- DSRC v. Cellular
- IoT and Connectivity
- Sensors and Sensor Fusion
- Virtual Testing and Simulation

Electrification, Hybrid and All-Electric Vehicles:

- Batteries
- Hybrid
- All electric vehicles
- Electric powertrains
- Auxiliary Range Extenders
- Battery Testing
- Charging Infrastructure
- Energy Storage
- Resources needed (rare earth, lithium, GaN/SiC, etc)
- More-Electric and All-Electric Aircraft
- Energy Storage and Power Management

Advanced Manufacturing:

- Advanced Materials
- Digital Thread (simulation; 3D model – simulated model through engineering, manufacturing and test)
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- Digital Twins
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