DAY 2 · 26 SEPTEMBER 2026

Automotive Futuristic Technologies

Student follow-along sheet · Session 1 8:45–10:45 · Session 2 11:30–1:30

	Compare ICE, hybrid and battery-electric architectures across efficiency, emissions and customer use.
	Battery, inverter, motor, thermal management and charging form one tightly managed platform.
	Home, destination, fast and megawatt charging solve different vehicle and fleet needs.
	SAE levels define responsibility; sensors and software combine perception, planning and control.
	V2V, V2I, V2P and V2N exchange safety and traffic information.
	Solid-state cells, zonal computing, bidirectional energy, driving AI and hydrogen expand the roadmap.

CLASSROOM CHALLENGE

Choose one innovation. State the customer problem, enabling technology, likely barrier and strongest business case.

My key takeaway: _____

Question to ask: _____