



MONDAY (Nov 7)		TUESDAY (Nov 8)			WEDNESDAY (Nov 9)		
TIME	TRACK 1	TRACK 1	TRACK 2	TRACK 3	TRACK 1	TRACK 2	TRACK 3
8:30 to 9:30 a.m.	No Functions...Arrival	Selecting the Right Gas Gauge, Protector and Charger for 1s & 2s Applications	Precision Protectors for High Power 4 ~ 10S Lithium Packs	Battery Charging Application Fundamentals: CFE, DPM/DPPM, NVDC	Authentication (Hardware and Software) - Theory / Overview / Solutions	Wireless Power System Design (Component Selection and Magnetics)	Battery Charger Troubleshooting and Lessons Learned
		Break			Break		
9:45 to 10:45 a.m.		Multi-Cell Gas Gauges, Chargers and Protectors for Industrial, Automotive, Medical, Military and Computing Solutions	Battery Charging Application Fundamentals: CFE, DPM/DPPM, NVDC	Charging System Design for Smartphone & Tablet Applications: Managing Multiple Input Sources; USB Charging Sources, and USB OTG Support	Cell Balancing Methods - Deep Dive	System Prototyping Tools: MAVRK	High Current (>2A) Switch-Mode Battery Charger Controller and Charger with Integrated MOSFETs for Portable Equipment
		Break			Break		
11 a.m. to 12 p.m.		Step by Step Pack Design with bq20z45 Gas Gauge - Start to Finish	Monitoring and Balancing for HEV and Large Battery Applications	Multicell Charging: Switchmode Converter Application Considerations (Power Path Control; Turbomode)	Lead Acid Battery State-of-Charge & State-of-Health Monitoring	DEMO ROOM OPEN	Charger PCB Layout and Thermal Management Considerations
12 to 1:30 p.m.	LUNCH						
1:30 to 2:30 p.m.	Technology Overview - Battery Fundamentals - Keynote (Part 1)	How to Set Up and Program Your bq275xx Single-Cell Impedance Track Fuel Gauge	Energy Harvesting Applications and Solutions	Charger PCB Layout and Thermal Management Considerations			
	Break						
2:45 to 3:45 p.m.	Gauging Algorithm Comparisons - CEDV, Z-Track Various Generations, PL114, DVC	How to Troubleshoot Your bq275xx Single-Cell IT Fuel Gauge: Lessons-Learned	Solar Panel Charging Fundamentals and Solutions	Intro to Wireless Power and bqTESLA			
	Break						
4 to 5 p.m.	Technology Overview - Battery Fundamentals - Keynote (Part 2)	bq20z45 - Explanation of Dataflash Parameter Configurations	DEMO ROOM OPEN	Wireless Power System Design (Component Selection and Magnetics)			
6 to 9 p.m.	Reception/Dinner						