

Batteries for Automotive			
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	Summary		
	<p>Transportation is 96% dependent on fossil fuel. This dependence is of concern for national security and climate change. Diversifying the energy sources for vehicles is a key aspect for reducing this dependence. Electrification is one possibility which is still greatly hampered by the limitations of energy storage capabilities. The 21013 Opel Ampera’s biggest challenge is the limitation of the all-electric range and performance limitations under the harsh and variable environments of vehicle operation at different places in the world. This symposium will focus on performance limitations, processing cost, and new chemistries for future systems.</p>		