

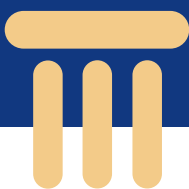
7th Annual International Conference

# Lithium Battery Power 2011

November 9-10, 2011  
Las Vegas, NV USA

Recent significant innovations within lithium-ion batteries have propelled the technology into a position in the marketplace far exceeding recent market survey results. Breakthroughs in new battery chemistries, novel electrode and electrolyte materials, system integration for a vast array of mobile and portable applications, from micro medical devices to high-energy/high-power automotive, have paved the roadmap for an emerging market with unlimited potential. Lithium Battery Power 2011 is conveniently timed with Battery Safety 2011.

- Application driven lithium ion battery development
- New lithium chemistries for better electrodes and higher LIB performance
- Advanced lithium ion battery technologies for higher safety, reliability and performance
- From novel materials and components to systems design and integration
- Role of nanotechnology in improving power and energy density
- Novel electrolyte technologies for higher power and energy density



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TECHNOLOGY COMMERCIALIZATION ALLIANCE

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2nd Annual International Conference

# Battery<sup>2011</sup> Safety

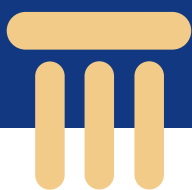


**November 7-8, 2011**  
**Las Vegas, NV USA**

Advancements in Systems Design,  
Integration & Testing for  
Safety & Reliability

Widely publicized safety incidents and recalls of lithium-ion batteries have raised legitimate concerns regarding lithium-ion battery safety. Battery Safety 2011 is conveniently timed with Lithium Battery Power 2011 and will address these concerns by exploring the following topics:

- Application specific battery safety issues affecting battery performance
- Major battery degradation and reliability factors
- Battery management systems
- Commercial cells evaluation and failure analysis
- Advances in testing techniques and protocols
- High throughput testing, automation and modeling for better safety
- Regulatory issues



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