

6th Annual International Conference

Lithium Mobile PowerSM



November 4-5, 2010 • Boston, MA USA

Advances in Lithium Ion Battery Technologies for Mobile Applications

Preliminary Announcement & Call For Speakers

Conveniently Timed with

Battery Safety 2010

November 3, 2010
Boston, MA USA



KNOWLEDGE FOUNDATION

TECHNOLOGY COMMERCIALIZATION ALLIANCE

Lithium Mobile PowerSM



Program Scope

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. This 6th Annual Conference in our Lithium Mobile PowerSM series will guide you from technology and materials development through device packaging and integration to applications in a mobile power marketplace by exploring the following topics:

Application driven lithium ion battery development

- High-power / high energy / high performance Li ion batteries
- Electric and hybrid vehicles: pros and cons of "plugging in"
- Mobile/portable applications computing, electronics
- Special applications (space, military, medical, emergency, backup)
- Primary vs. rechargeable Li ion batteries
- Lithium air batteries update

New lithium chemistries for better electrodes and higher LIB performance

- Novel cathode and anode materials for high power applications
- Advances in spinel, phosphor-olivine, iron-phosphate, titanate, cobalt, nickel, manganese, and others
- Increasing role of nanotechnology and nanostructured electrodes
- Layered oxide based technologies
- High voltage cathode materials solutions
- Combined anode and cathode developments
- Novel non-lithium solutions for beyond-the-lithium-ion performance

From novel materials and components to systems design and integration

- Challenge of LIB manufacturing - automation and scalability
- Miniaturization and packaging
- High energy density in small volume
- Large Li-pack designs
- Smart battery technologies and system integration

Novel electrolyte technologies for higher power and energy density

- New generation electrolytes for lithium ion batteries
- Key role of nanotechnology for new electrolytes development
- Ionic-liquid, liquid, polymer and solid state electrolytes
- Update on halogen-free electrolytes
- Aqueous vs. non-aqueous electrolytes

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Call for Speakers, Sponsors & Exhibitors

CALL FOR SPEAKERS, SESSION TOPICS & DISCUSSION LEADERS

While a majority of the oral presentations will be invited, at this time we also welcome submissions for speakers, session topics and discussion leaders. If you are interested in being considered for one of these roles or would like to recommend someone, please submit via email, a proposal for the program committee's consideration following the guidelines below.

SUBMISSION GUIDELINES:

- Speaker's title, affiliation and contact information
- Proposed title of presentation
- Brief description (mini-abstract) - about 80 words

Deadline for submissions is May 15, 2010

CONTACT:

Lithium Mobile Power 2010 Program Committee
(617) 232-7400 ext. 211
SUBMIT @ knowledgefoundation.com

SPONSORSHIP AND EXHIBIT OPPORTUNITIES

Attendees at this event represent the very top industry, government and academic researchers from around the world and provide an extremely targeted and well-qualified audience for exhibitors and sponsors. Your participation as an exhibitor or sponsor is the most cost effective way to gain high quality, focused exposure to these industry leaders. Among other benefits, sponsorship packages include your logo on marketing materials to promote your participation and expose your company to 10's of thousands of prospects prior to the program - in addition to the highly targeted audience we deliver at the event itself.

CONFERENCE SPONSORSHIPS

A variety of conference sponsorships are available which offer incremental levels of visibility to conference delegates at the event — as well as opportunities for marketing exposure prior to the event. Taking advantage of pre-conference options has the added benefit of getting your organization's name out to a large group of interested decision makers.

NETWORKING EVENT SPONSORSHIPS

These "mini" sponsorships offer representatives of your organization a dedicated opportunity to network with conference delegates — with your organization clearly recognized as the host of the event.

- Cocktail Receptions
- Luncheons
- Dinner Banquets
- Hospitality Suites

WORKSHOP SPONSORSHIPS

Your company may sponsor an instructional workshop (subject to approval) for delegates in conjunction with the conference. Highlight your organization's expertise! Delegate feedback indicates that these scientific/technical vehicles enhance retention of your organization's presence in their minds — increasing the potential for drawing customers long after the conference is over.

Call Craig Wohlers at (617) 232-7400 ext. 205 or email [custserv @ knowledgefoundation.com](mailto:custserv@knowledgefoundation.com) today for pricing information and customization options.

Please Visit

www.knowledgefoundation.com

for the latest program updates

Lithium Mobile PowerSM



Registration Information


KNOWLEDGE FOUNDATION

TECHNOLOGY COMMERCIALIZATION ALLIANCE

Consider Membership

We would like to invite you to consider becoming a member of the Knowledge Foundation Technology Commercialization Alliance

- 15% Discount on Conferences, Exhibit Space & Live Webcasts
- 15% Discount on Knowledge Press Publications
- Member Working Groups
- Member Chat Rooms
- Online Member Directory
- Working Group Forums
- Online Networking
- Discussion Boards
- Knowledge Blog
- Industry News
- Speaking Opportunities
- Plus More Benefits

New Member Benefit for 2010

Knowledge Foundation Digital Library

Membership gives you free instant access to download all past and future conference webcasts and speaker PowerPoint presentations.

For complete membership information go to: knowledgefoundation.com

REGISTRATION FORM

2018

ONLINE

| Please register me for | Member | Non-Member |
|--|---------------------------------|----------------------------------|
| <input type="checkbox"/> LMP 2010 Commercial Registration | <input type="checkbox"/> \$1019 | <input type="checkbox"/> \$1199 |
| <input type="checkbox"/> LMP 2010 Acad./Gov. Registration* | <input type="checkbox"/> \$679* | <input type="checkbox"/> \$799* |
| <input type="checkbox"/> Both LMP 2010 & Batt. Safety Comm. Reg. | <input type="checkbox"/> \$1359 | <input type="checkbox"/> \$1599 |
| <input type="checkbox"/> Both LMP 2010 & Batt. Safety Acad./Gov. Reg.* | <input type="checkbox"/> \$934* | <input type="checkbox"/> \$1099* |
| <input type="checkbox"/> Poster Space Reservation (Battery Safety) | <input type="checkbox"/> \$65 | <input type="checkbox"/> \$65 |

Become a member of the Alliance & take 15% off your registration fee

I would like to become a member of the Knowledge Foundation Technology Commercialization Alliance:

\$229/yr Individual Commercial Member **\$49/yr Individual Student Member**

\$169/yr Individual Government/Academic Member

I cannot attend, but please send the conference documentation.

Enclosed is my check for \$299. Invoice Me

Enclosed is a check/bank draft for US\$ _____

Invoice me Charge my Credit Card: VISA MC AMEX in the amount of US\$ _____

Card #: _____ Exp.: _____

Please send me information on exhibit and sponsorship opportunities.

Name: _____

Job Title: _____

Organization: _____

Division: _____

Address: _____

City/State/Zip: _____

Tel: _____ Fax: _____

Email: _____

*The academic/government rate is extended to all participants registering as full time employees of government and universities. To receive the academic/government rate you must not be affiliated with any private organizations either as consultants or owners or part owners of businesses.

FAX, MAIL, CALL, E-MAIL TO:

The Knowledge Foundation, Inc.
18 Webster Street
Brookline, MA 02446 USA
Tel: (617) 232-7400
Fax: (617) 232-9171

E-Mail: custserv@knowledgefoundation.com

Payment: All payments must be made in U.S. funds drawn on a U.S. bank. Please make check(s) payable to The Knowledge Foundation, Inc. and attach to the registration form even if you have registered by phone, fax or e-mail. To guarantee your registration, payment must be received prior to the conference. Confirmation of your booking will follow.

Discount Accommodations and Travel: A block of rooms has been allocated at a special reduced rate. Please make your reservations by October 1, 2010. When making reservations, please refer to the The Knowledge Foundation. Contact The Knowledge Foundation if you require assistance.

Venue: To Be Announced

For Hotel Reservations Contact:

Andersen Travel
Phone: (508) 429-6494 or 1-800-229-6494
Fax: (508) 429-7380
Email: kramer@andersentvl.com

Substitutions/Cancellations: A substitute member of your company may replace your attendance at any time at no charge if you find your schedule prevents you from attending. Please notify us immediately so that materials can be prepared. If you do not wish to substitute your registration, we regret that your cancellation will be subject to a \$100 processing fee. To receive a prompt refund, we must receive your cancellation in writing 30 days prior to the conference. Unfortunately cancellations cannot be accepted after that date. In the event that The Knowledge Foundation, Inc. cancels an event, The Knowledge Foundation, Inc. cannot resume responsibility for any travel-related costs.

Unable to Attend?

You can purchase a full set of conference documentation. Simply check the box on the registration form and send it to us along with your payment. Please allow 4 weeks after the conference date for delivery.