
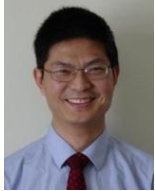




# EV/PHEV Batteries and E-Motors Week in Shanghai

14-17 November, 2011 · Shanghai Marriott Hongqiao Hotel · Shanghai, China

Four SAE International events covering the latest innovations and research into the two most important EV and PHEV research areas: **Battery Design/Development** and **Power Electronics and Electrical Machines**

Vehicle Battery Design/Development	Power Electronics and Electrical Machines
 <p><b>SAE International Vehicle Battery Summit</b> 14-15 November 2011</p> <p>Chaired by Menahem Anderman, Ph. D., and President, Advanced Automotive Batteries USA, the Summit will feature more than twenty international battery design/ development experts from the world's most successful EV/PHEV manufacturers and battery suppliers. The Summit will build on last year's highly successful 2010 Vehicle Battery Summit with updated and entirely new technical and market presentations. China's increasingly important role in EV/PHEV development and related elements of China's 12<sup>th</sup> Five Year Plan will be covered.</p> <p><a href="http://www.sae.org/events/battery">www.sae.org/events/battery</a></p>	<p><b>Power Electronics for EV, HEV, and PHEV Applications Seminar</b> 14-15 November 2011</p>  <p>This seminar introduces the principles of electric drivetrains and provides coverage of converters and motor drive technology. The unique aspects of power converters in EVs, HEVs, and PHEVs are addressed including vehicle to grid technology and battery chargers. The pros and cons of different types of electric drives are discussed. The seminar is taught by Chris Mi, Ph.D., Associate Professor of Electrical and Computer Engineering and Director of the DTE Power Electronics Laboratory at the University of Michigan.</p> <p><a href="http://www.sae.org/pdevent/C1123">www.sae.org/pdevent/C1123</a></p>
<p><b>Advanced Battery Systems for Hybrid and Electric Vehicles Seminar</b> 16-17 November 2011</p>  <p>This seminar will cover fundamental electrochemistry including Redox, lithium ion technology, battery requirements, thermal management, battery sizing, safety, and design considerations will also be covered. The course will include electric vehicle categories such as HEV, PHEV and EV and will touch on both propulsion systems including series and parallel configurations. The seminar is taught by Saeed Siavoshani, Principal Research Scientist at Dow Chemical whose work is designed to revolutionize the infrastructure for the electric vehicle battery pack including approaches to thermal management and reducing overall battery weight.</p> <p><a href="http://www.sae.org/pdevent/C1124">www.sae.org/pdevent/C1124</a></p>	 <p><b>SAE 2011 Powertrain Electric Motors Symposium for Electric and Hybrid Vehicles</b> 16 November 2011</p> <p>Chaired by Dr. Wolfgang Bernhart of the Automotive Competence Center of Roland Berger Strategy Consultants, this is a strategic Symposium and provides a comprehensive overview of the latest global innovations in the Vehicle Powertrain Electric Traction Motor industry and addresses market growth projections as well as technology requirements and cost structures for permanent magnet, induction and switched reluctance motors.</p> <p><a href="http://www.sae.org/emotorshanghai">www.sae.org/emotorshanghai</a></p>

For detailed information or to register for the events, visit the event website listed, or contact:

**International (Non-China Residents):**

SAE Customer Service  
 Phone: 1-877-606-7323 (U.S. and Canada)  
 Fax: 1-724-776-0790  
 Email: CustomerService@sae.org

**China Residents:**

Please register and using a registration form provided by:  
 Mr. Raul Ni, SAE International/CATARC Shanghai Office.  
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Co-organized by:

