



**International Conference & Exhibition on
LEAD BATTERIES
14-15 Nov 2016, The Lalit, New Delhi
Tentative Programme**

14 November 2016

- 8.00 Registration/ Kit Collection
- 10.00 **Conference Inaugural Session**
(details in the final programme)
- 10.40 **Exhibition Inauguration** & Coffee/ Tea break
- 11.00 **Keynote Session**
- Problems Related to the Negative Plates of Lead-Acid Batteries for Electric Vehicles and Proposed Solutions by Prof. D.Pavlov (Bulgaria)
- The Lead in Lead-Acid Batteries: The Underlying Story
by Don Smale, Secretary, General, International Lead Zinc Study Group (Portugal)
- Recent R&D Advances in Lead Acid Batteries
by Dr.Vijayamohanan Pillai, Director, CSIR-CECRI
- The Lead Battery Industry, Market & Business Opportunity in China
by Prof. Zeli Wang (China), Secretary-General of BCC International & Asian Battery Association
- Global Outlook for Lead
by G. Chandrashekhar, Commodity Sector Specialist
- Special Remarks
by Ms.Bina Verma, Mg Editor, Minerals & Metals Review
- 13.00 Lunch
- 14.00 Risk Management Using MCX Lead Features
by Rashmi Nihalani, Asst.Vice President, MCX
- 14.10 Ten Commandments for Safe Health of Lead Acid Battery Workers
by Dr.T.Venkatesh, National Director of National Referral Centre for Lead Projects in India (NRCLPI)
- 14.30 **Workshop Session**
- The Use and Application of the Benchmarking Assessment Tool for the Environmentally Sound Management of Used Lead Acid Batteries in India
by Brian Wilson, International Lead Assn & Ms.Promila Sharma, Pure Earth
- 15.30 Coffee/ Tea Break
- 15.45 Workshop Continues
- 16.30 **Technical Session I**
- Lead and Lead Alloys; What Should We Be Using?
by Mark Stevenson (Australia) Chairperson, Asian Battery Conference
- Lead Acid Battery Technology – Exciting Opportunities
by Achim Luelsdorf, President (R&D), Exide Inds Ltd
- Advances In Lead-Acid Batteries,
by Subhas Chalasani Member, R&D, East Penn Manufacturing Co. (USA)
- Panel Discussion**
- 18.00 Session Closes/ Exhibition Visit
- 19.00 Dinner

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Technical Session II

- 10.00 Implementing a Blood Lead Reduction Program
by Daniel Askin, President and Founder, ESCA Tech, Inc. (USA)
Lead Risk Management in China's Lead Acid Battery Manufacturing & Recycling Industries
by Dr.Yeo Lin, Director, Industrial Development Research Center
Zhejiang University (China)
Emerging Applications in Indian Energy Storage Market
by Debi Prasad Dash, Manager – India Energy Storage Alliance (IESA)
- 11.00 Tea/ Coffee break

Technical Session III

- 11.20 Lead Batteries in India – Emerging Challenges & Future Road Map
by Dr.V.K Agarwal, Managing Director, Supreme Batteries Pvt Ltd
Application and Usage of Discrete Carbon Nanotubes (Molecular Rebar®) in Cyclic Lead Acid Batteries
by Mohamed Sharif, Appln. Development Engineer, Black Diamond Structures
Strategies to Increase Life of Battery in Deep Cycle Application
by Dr.N.Sugumaran, Battery Consultant
Gelled Acid Batteries for Solar PV application
by Dr.S N Joshi, Director- Technical, R & D, Greenvision Technologies Pvt. Ltd
Lead Acid Batteries for Solar Street Lighting–Emerging Scenario
by Dr.P.C Barjatia, Chairman, Indian Society of Lighting Engineers
- 13.00 Lunch break

Technical Session IV

- 14.00 Enhancing the Value of Lead Drosses and Wastes with In-house Processing
by Jean-Marc Dumaillet, International Sales Engineer, MCR Group (France)
Manufacturing Technique to Produce High Purity Lead Oxide from Spent Oxide
by G. Balasubramanian Vice President (R&D), Eastman Auto & Power Ltd
Green Recycling of Used Lead Acid Batteries – An Imperative Need
by Dr.R.S Mahwar, Hony Advisor (Env), ILZDA
Strategies for Effective Implementation of Battery (Mgmt & Handling) Rules
by L.Pugazhenthly, Exec. Director, ILZDA

Panel Discussion

- 16.00 Panel Discussion
- 17.00 Concluding Remarks/ Wrap Up

Venue
Hotel The Lalit
Barakhamba Avenue
Connaught Place
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