

## ELBC: Call for Papers

The latest innovation in all aspects of lead battery technology will be the focus of ELBC in Lyon, France held on 6-9 September 2022.

We are encouraging papers and contributions covering the following subjects:

### Lead Battery Energy Storage Systems

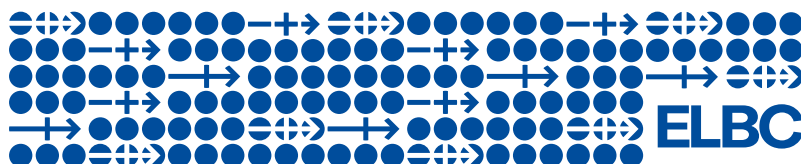
- Current and future end-user requirements
- Methods for improving key attributes, for example:
  - Service life and cycle life
  - Energy storage efficiency/round trip efficiency
  - Lowering acquisition cost (cell/ESS level)
  - Battery management systems

### New Research and Technical Developments

- Innovations in the following areas:
  - New battery design and electrode configurations
  - Novel techniques to study lead battery fundamentals
  - Advanced analytical techniques, basic science methods and materials engineering
  - Future production requirements (quality control, impurities, alloys, raw materials, manufacturing, process control and next generation equipment)
  - New electrochemical models to simulate processes in carbon enhanced lead batteries

### Automotive Lead Batteries

- Current and future OEM requirements including auxiliary batteries
- Achievements in using carbons and additives to increase cycle life and charge acceptance
- Studies of gas evolution and water loss in relation to Dynamic Charge Acceptance (DCA) improvements
- Methods for increasing high temperature durability
- Requirements for functional safety



## Lead batteries for Industrial, Motive Power and Micro-Mobility Applications

- End user requirements for current and future industrial, telecom, UPS and motive power battery applications
- Methods for improving key attributes, for example:
  - Calendar life and cycle life
  - Lowering cost
  - Energy density and charging efficiency (motive power)

### Submit your abstract now!

Prospective speakers are invited to submit a title and preliminary abstract (max 300 words) by Friday 18 February 2022 using the [ELBC website form](#). The abstract must outline the objective of the work, why it is important, the methods utilised, the results and their significance, and include future work directions.

Submit your abstract to speak at ELBC in Lyon, France [here](#).

