

**LOG OF MEETING  
DIRECTORATE FOR ENGINEERING SCIENCES**

**SUBJECT:** International Battery Seminar Presentation and Roundtable Discussion

**DATE OF MEETING:** March 27, 2018

**PLACE OF MEETING:** Fort Lauderdale Convention Center, Florida

**LOG ENTRY SOURCE:** Doug Lee, Project Manager

**COMMISSION ATTENDEES:** Doug Lee, ESEF  
Einstein Miller, LSE  
Yeon Kim, ESEF

**NON-COMMISSION ATTENDEES:**  
Presentation - Over 100 conference attendees  
Roundtable Discussion - 20 conference attendees

**SUMMARY OF MEETING:**

Mr. Lee gave a presentation on *Mitigating Risks with Battery Powered Consumer Products*. Included in this presentation were topics of:

- *Basics of CPSC Databases*
- *CPSC Battery Project*
- *Battery Incident Data and Recalls*
- *Case Studies – With and Without well-developed standards*
- *Lessons Learned – System Safety*

Mr. Lee, Mr. Miller and Dr. Kim hosted a discussion on Consumer Product Safety focused on the following four questions. These questions led to discussions on the lettered subtopics.

1. *How can we ensure battery powered products are safe for all consumers?*
  - a. *Mandatory standard or regulation*
  - b. *Additional mechanical/physical testing of the cell and the end product*
  - c. *Product designed to properly vent*
2. *Are voluntary safety standards keeping up with the battery technology?*
  - a. *Appropriate people developing the standards*
  - b. *Harmonization of existing standards*
  - c. *Cycling/aging tests*
3. *Beyond standards, what can be done to mitigate risks?*
  - a. *Retailer*
  - b. *Trade organizations*
  - c. *Outreach (consumer, retailer)*
4. *What are some of the lessons learned from recent investigations?*
  - a. *Accountability /traceability*