

# **Materials Issues and Safety Aspects Sustainable Li-ion Batteries**

## **Abstract**

Sustainability issues are becoming crucial in future battery research, hence the need to enter such an extra parameter to design new materials while preserving safety. This obviously calls for the use of materials/processes having the minimum environmental footprint and the lowest possible life cycle cost. Materials design strategy to answer this call will be presented together with the safety aspects inherent to the Li-ion technology.