

Next Generation Batteries

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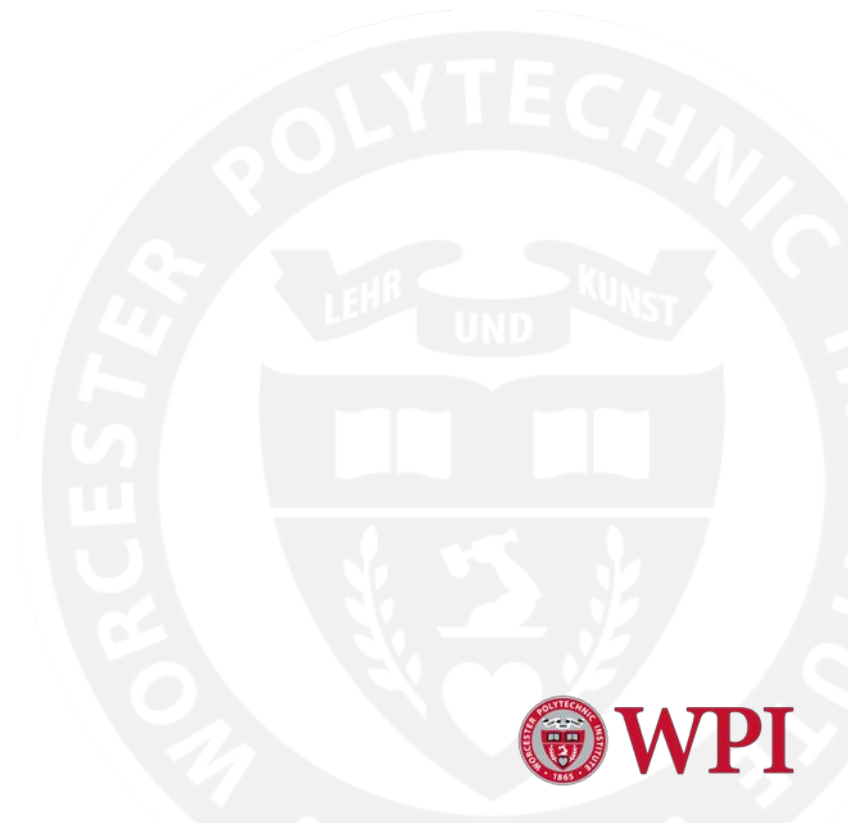
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Objectives/Value Proposition

Objectives: Help industry develop technologies to increase the battery safety.

Value Proposition:

- Directly support research needs with full control of the research
- Access to faculty and students and the universities involved
- Interact and build relationships to solve common technical problems
- Help commercialize the technologies and increase the competitiveness

Motivation

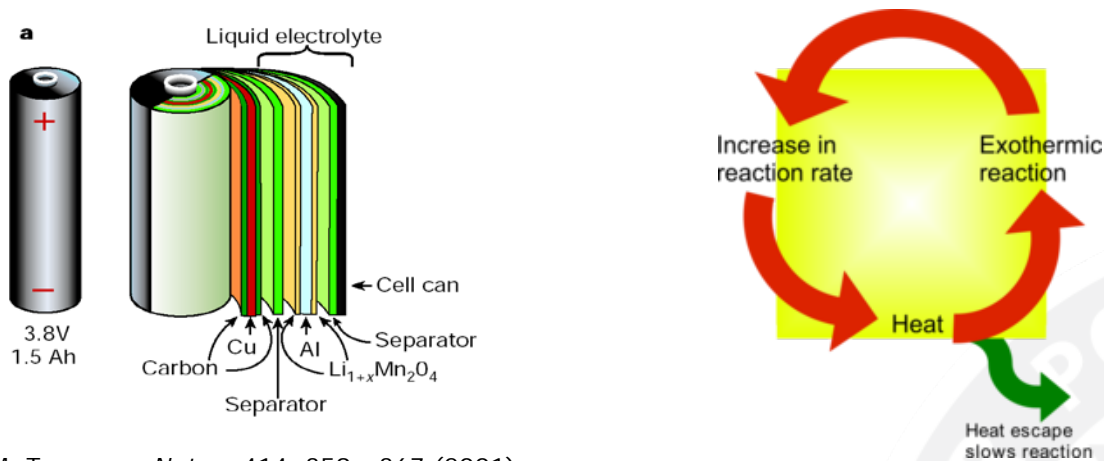
> \$10 billion loss



WPI

Approach

Solid state lithium ion batteries:



J.-M. Tarascon, *Nature* 414, 359 - 367 (2001)

Early detection with embedded sensor:

