Nanotechnology in Energy Storage and Conversion
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Potential Applications of Nanotech in Energy Storage and Conversion

Batteries, Super-capacitors, Fuel cells

**Go For Nano**

- Minimize diffusion distance
- Phase stability change
- Defect tolerance
- Enable new chemistry

**Need to Take Care of**

- Stability due to *interface*
- Packing density
- Scalability of synthesis
Speakers

Nanomaterials for Energy Storage
Gleb Yushin, Georgia Institute of Technology and Sila Technologies

Hidden in Plain Sight: Understanding and Exploiting Systematic Couples to Improve Batteries
Daniel Steingart, Princeton University

Enzyme-based Biofuel Cells
Seiya Tsujimura, University of Tsukuba

Flexible Devices Using Rigid Materials
Eiji Iwase, Waseda University