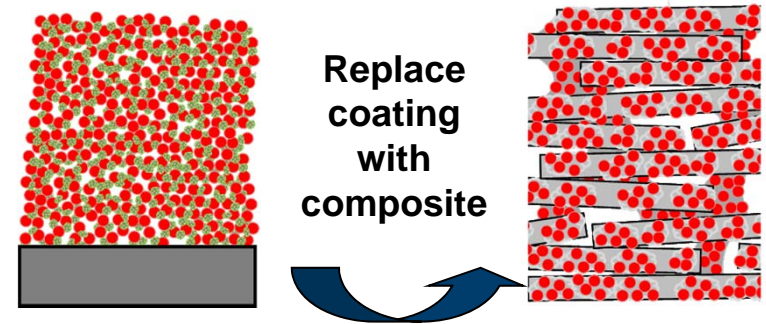


The role of carbon fibers in Li-ion batteries

- Carbon fibers and nanotubes taking several roles
 - Current collector in place of metal foil
 - Conductive additive, electrical and thermal
 - Active electrode component, as intercalation host
 - Mechanical properties
- Result → new architectures, improved performance



LiFePO₄ cathode on carbon fibers and Al foil

