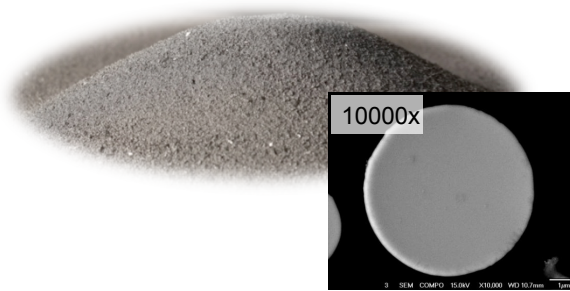
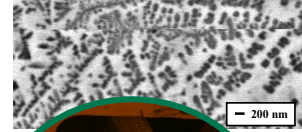


William Peter, Manufacturing Demonstration Facility, ORNL

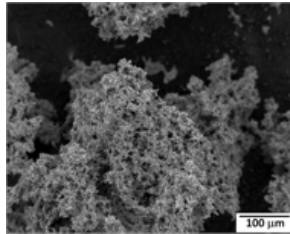
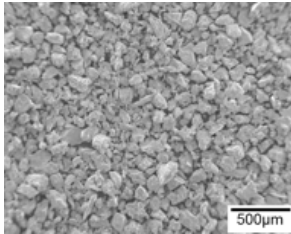
Amorphous and Nanocomposite Materials



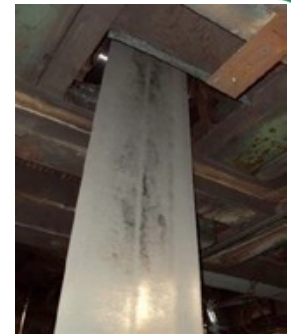
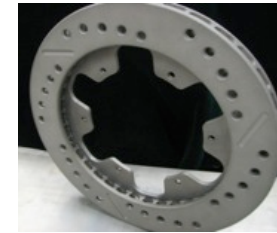
- Amorphous Alloys
 - Electrochemical Behavior
 - Mechanical Properties
 - Powder Fabrication
- Nanocomposites
 - Powder Metallurgy
 - Laser Cladding



Ti Powder Metallurgy



- Powder Characterization
- Consolidation Modeling
- Sintering Behavior
- Microstructure
- Mechanical Properties



Additive Manufacturing



- Developing Materials
- Implementing Controls
- New Design Concepts
- Next Generation Machines
- Mechanical Properties

