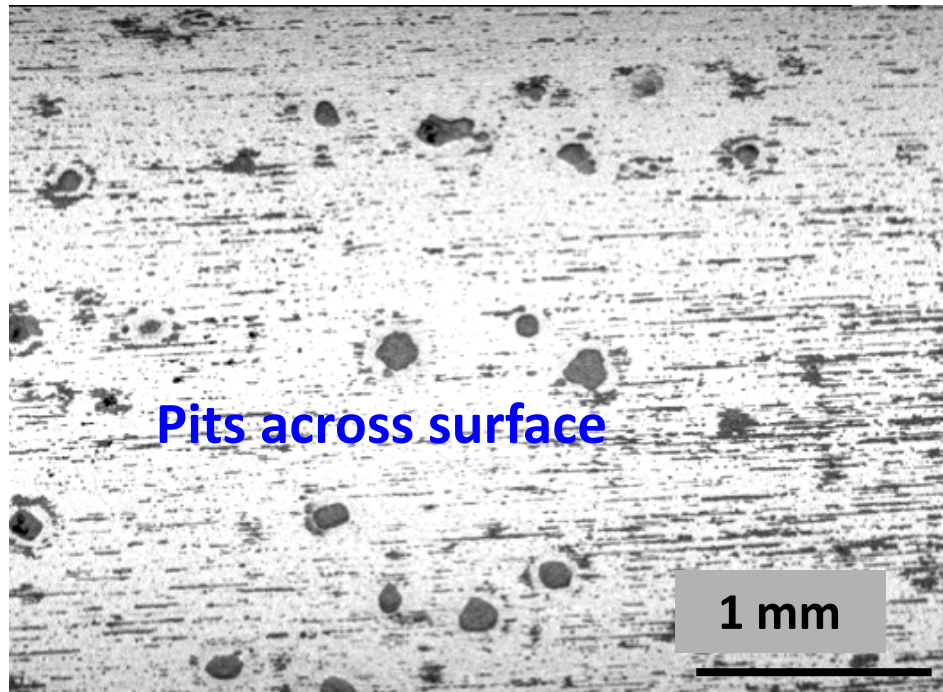


Developing Coatings and Disks with 1500°F Capability

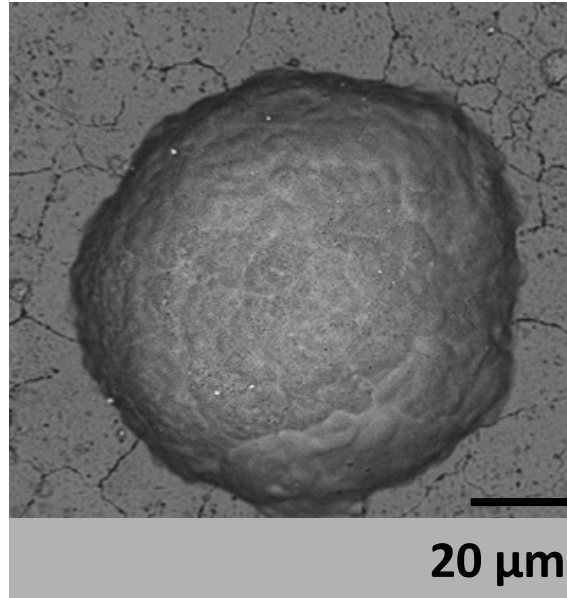
L. Evans, J. Telesman, J. Nesbitt, T. Gabb
NASA Glenn Research Center

No Coating

Oxidation + Hot Corrosion

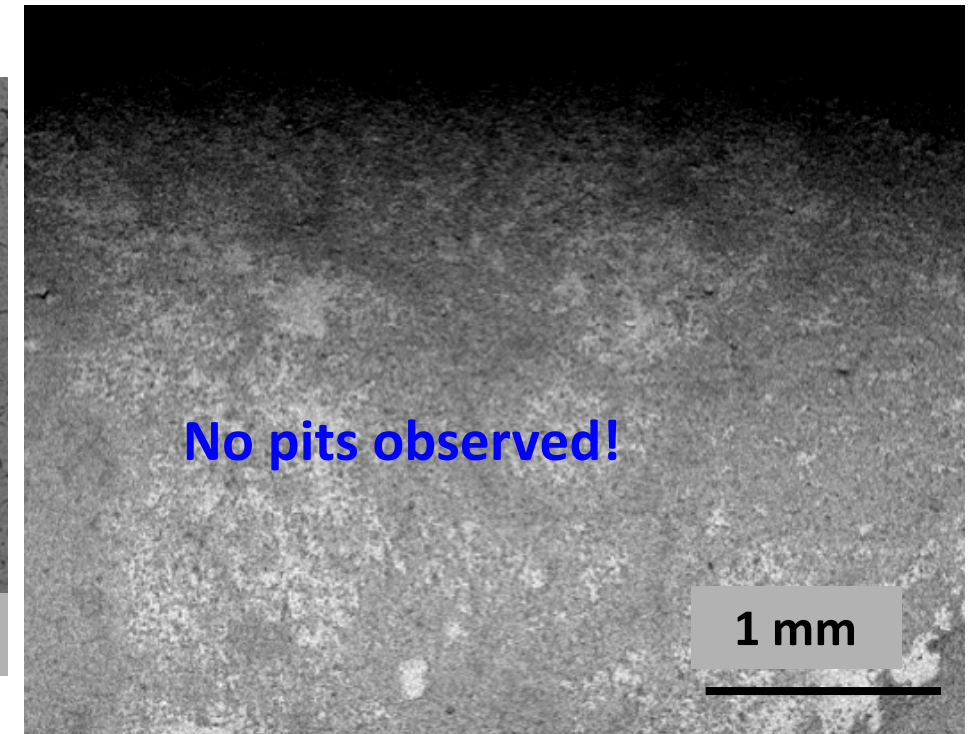


Magnified view of corrosion pit on the surface of an uncoated alloy

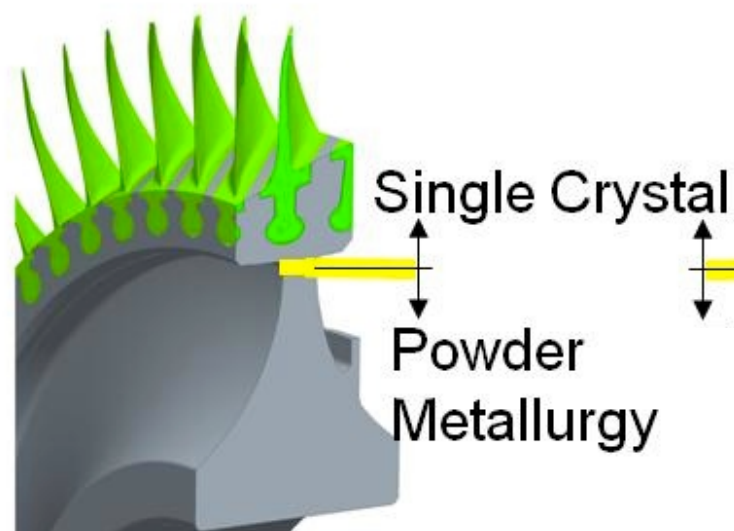


With Coating

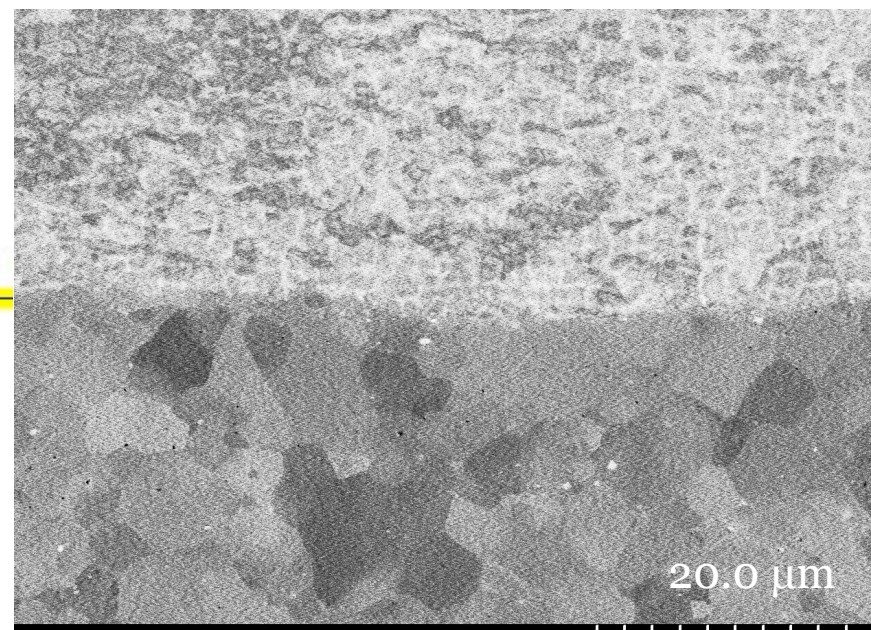
Oxidation + Hot Corrosion



Hybrid Disk Concept



Welded Cross Section



Thermal Modeling of Weld

