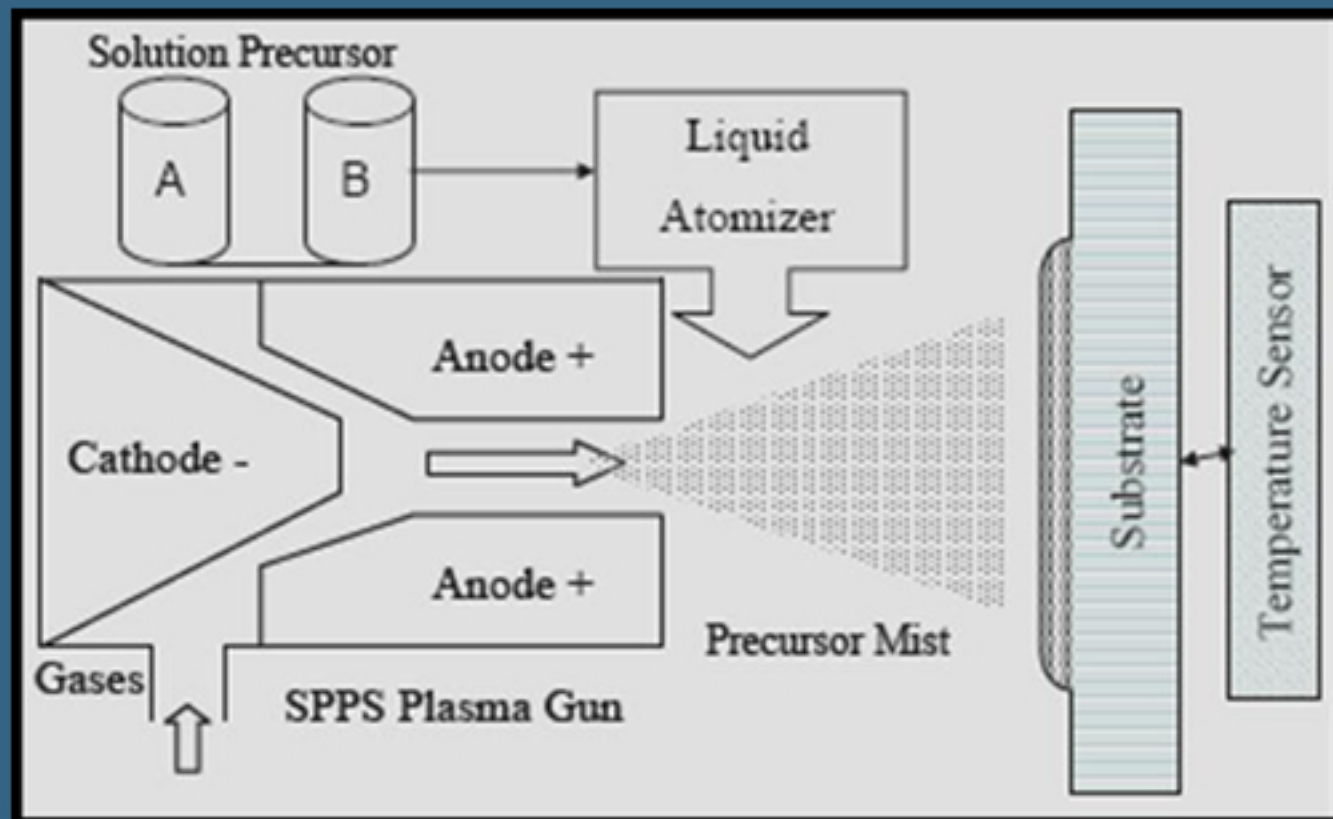
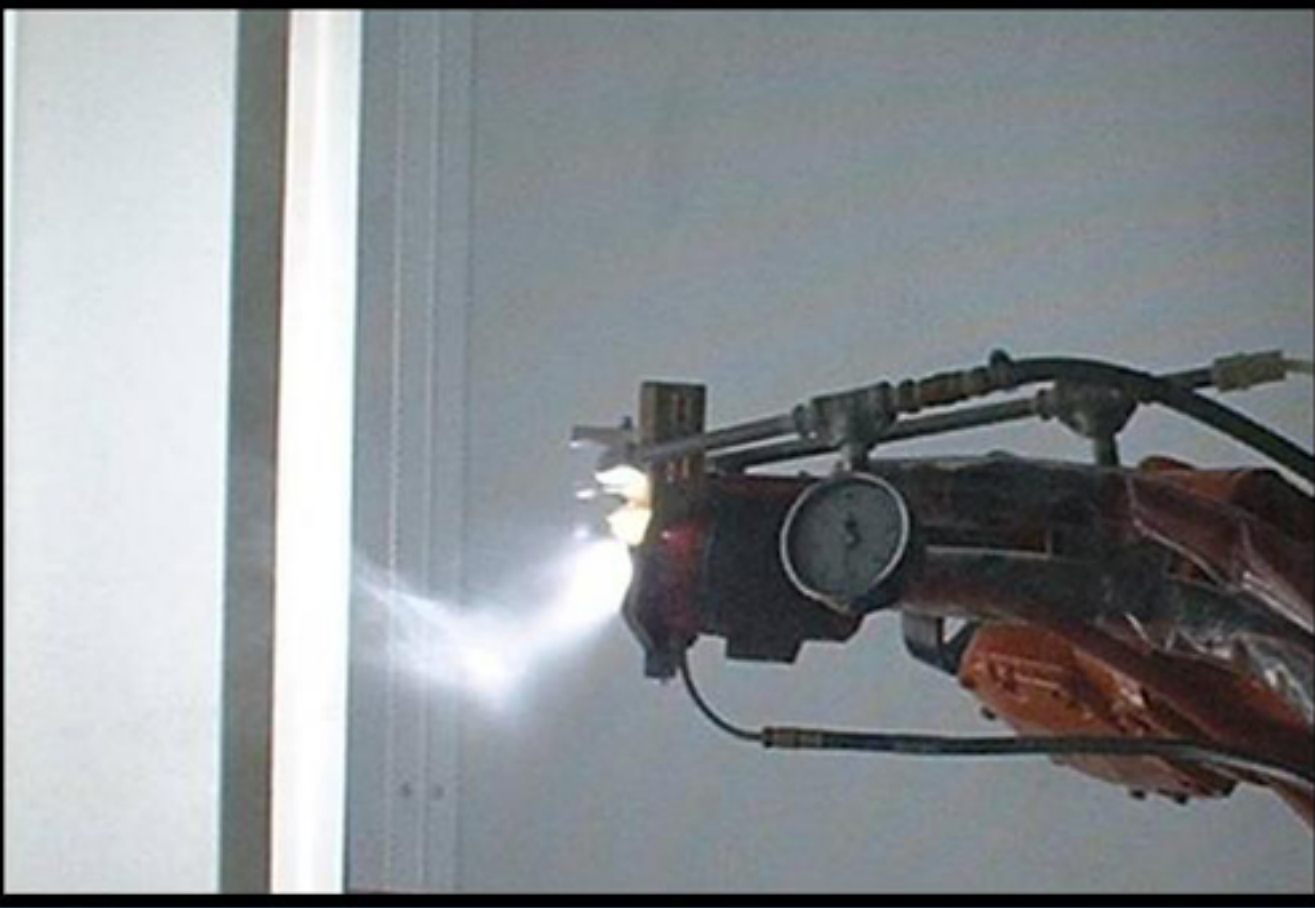
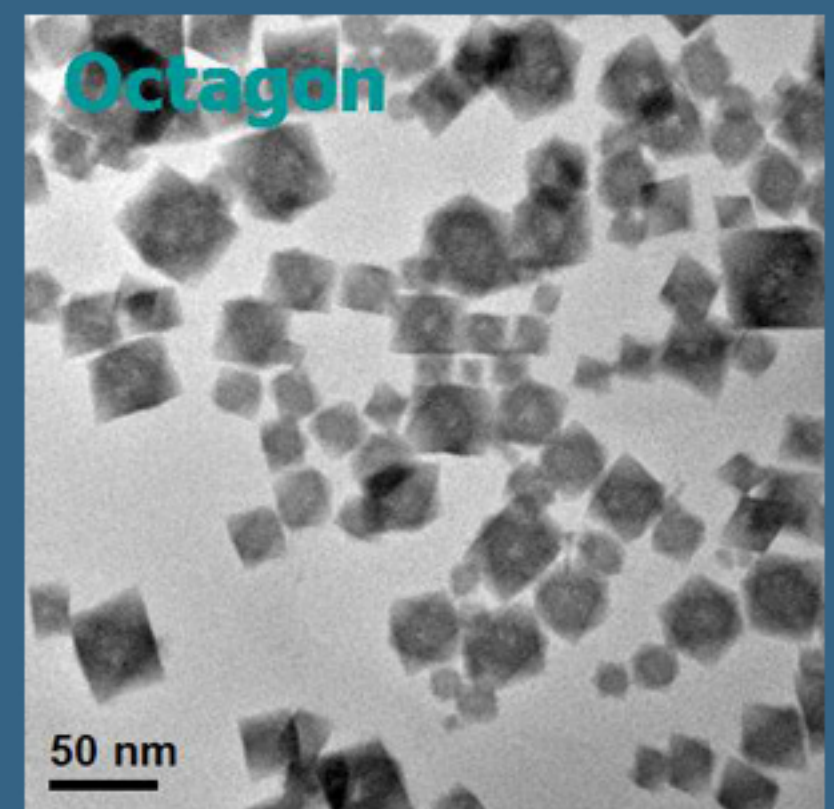
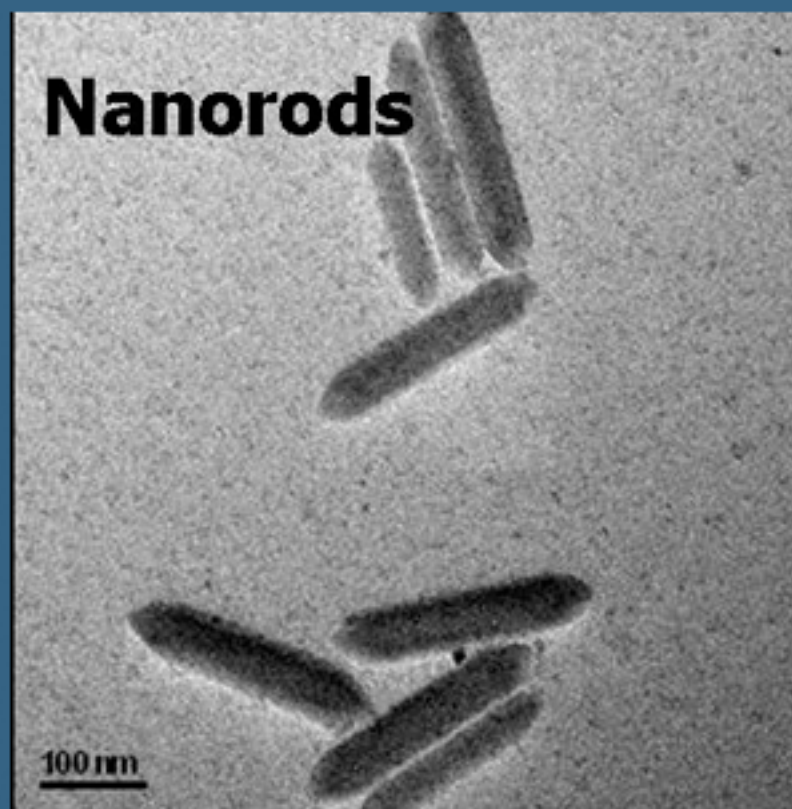
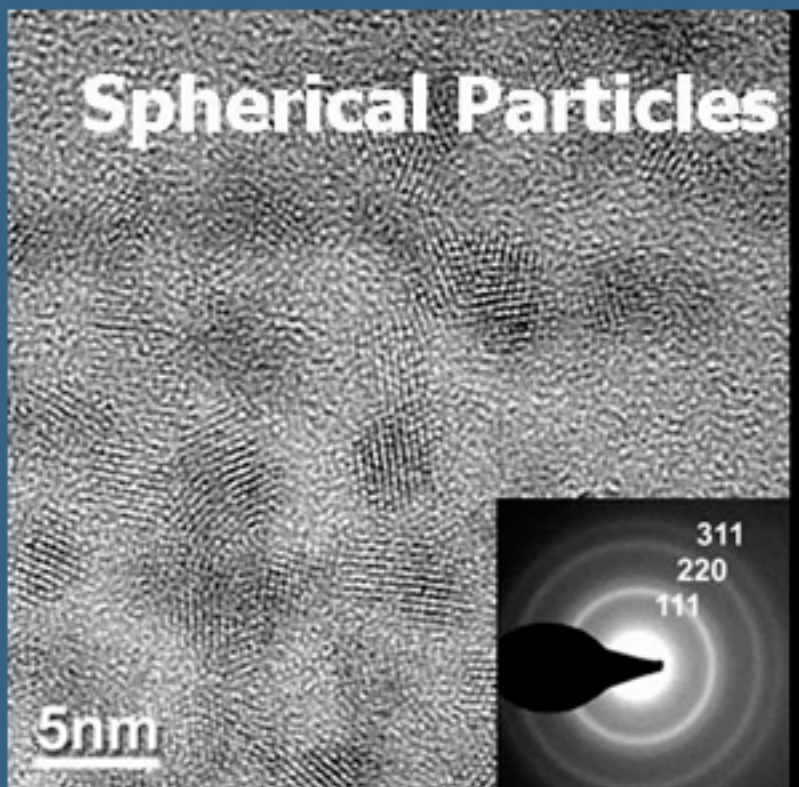


SOLUTION PRECURSOR PLASMA SPRAY



- Precursor solution used as a feedstock as against conventional powder feedstock.
- Feed rate ranges from 20 ml per minute to 75 ml per minute.
- Precise thickness control from 1 micron to 50 micron depending on application.
- Proven technology for ceria coated martensitic stainless steels for high temperature oxidation resistant applications

Precursor Nanostructures



Highlights: Using microemulsion, solgel, wet chemical synthesis, we can make spheres, rods and Octago shaped nanostructures with varying surface defects in their lattice structurE.

J. Phys Chem Letters 05, 06, Applied Physics Letters, 04. 05,06, Nanoletters 03, 04, 05