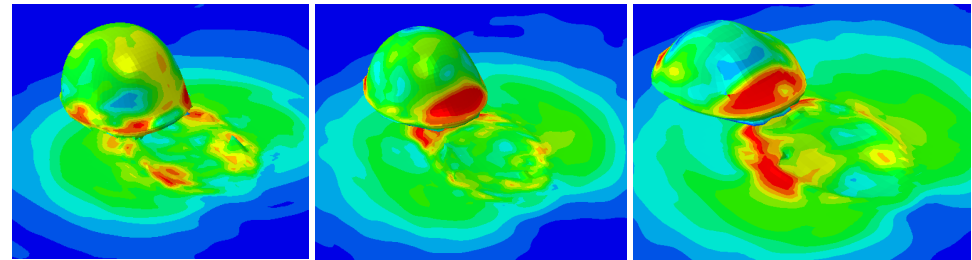


A numerical multi-parameter analysis of cold spray deposition

- Simulation scope:

- Single-Particle impact
- Multi-Particle impact
- Multi-material multi-particle impact



- Inspecting the effect of process parameters:

- Effect of roughness on particle adhesion and deposition efficiency
- Effect of particle size, material and morphology on porosity
- Inter-particle interactions
- Effect of substrate oxide layer

