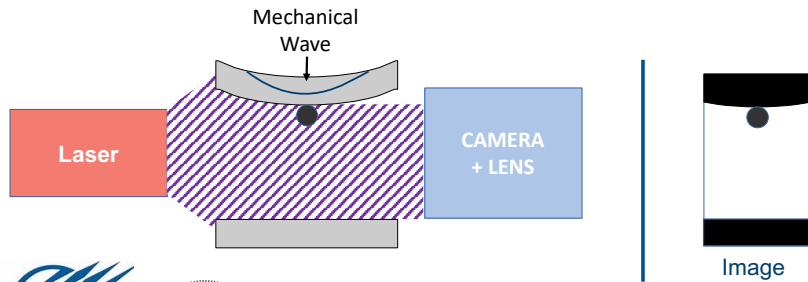


Bringing in the effect of powder characteristics into cold spray deposition

- Obtaining plastic properties of deformable microparticles using experimental and numerical models for metal alloys and high entropy alloys.
- Developing single particle cold spray deposition FE models
- Experimental characterization of powder and performing both laser-excited launch and cold spray deposition tests.



(Experimental and numerical approaches, in collaboration with Mines ParisTech)

