



## Multiply Twinned Particle (MTP) with 5-Fold Symmetry

- 5-fold symmetric MTPs are common structures in engineering material nanoparticles - exploitation of their quantum mechnical properties is a vigorous research topic.
- Possible connection between MTPs and nucleation of martensite phases.
- 5-fold symmetry central to structure of quasi-crystals.

80x/1.3NA, DIC 1.2μm diameter spheres Scale bar = 10μm

