**Benefits of HSPT microstructure**

- As-sintered Ti-6Al-4V by HSPT typically has strength exceeding 1 GPa and ductility exceeding 15% EL.
- The ultra-fine microstructure by HSPT can be heat-treated to fine wrought-like bi-modal and globalarised/equiaxed microstructure without thermomechanical process.
- Owing to the microstructures, HSPT Ti-6Al-4V has been shown to have wrought-like mechanical (tensile and fatigue) properties.

Selective publications: