



Registration Form for WFC Scientific Committee

Personal Info.

Name: Yuzeng Chen

Title: Professor

Affiliation: Northwestern Polytechnical University



Research Interest

Advanced structural metals, Solidification theories and technologies, Advanced casting technologies

Main Achievements (<200 words)

He developed hot work steel for additive manufacturing and manufacturing method for the die casting inserts containing conformal cooling channels. He established the method for calculations of heterogeneous microstructures of Al castings and the approach for simulations of mechanical response of Al castings by incorporating the heterogeneous mechanical properties. He published more 90 research articles in peer reviewed journals.