



Registration Form for WFC Scientific Committee

Personal Info.

Name: Zhiqiang Fu

Title: Professor

Affiliation: South China University of Technology



Research Interest

- 1) Casting, Binder jet 3D printing
- 2) High-entropy alloys, Aluminum alloys
- 3) Corrosion, Cavitation Erosion & Wear of Materials

Main Achievements (<200 words)

Dr. Fu has been focusing his research on the alloy design, forming and processing, service behavior of advanced alloys. A hierarchical nanoprecipitation strengthening mechanism was proposed, and the microstructural design criteria and phase formation mechanisms of nano/ultra-fine grained high-entropy alloys (HEAs) were defined. As leading or/and corresponding author, Dr. Fu has published over 50 SCI papers in the very best international peer-reviewed journals, for example Science Advances. In addition, Dr. Fu is the principal investigator of 8 projects including the project funded by the national natural science foundation of China (NSFC) and talent plan of Guangdong province.