



Registration Form for WFC Scientific Committee

Personal Info.

Name: Xie Huasheng

Title: Chairman of the board /Professor

Affiliation: Shenyang Research Institute of Foundry Co.,Ltd.CAM



Research Interest

- a. Design and Development of Novel High Performance Cast Titanium Alloy/Zirconium Alloy
- b. Precision Casting Technology for Ultra Large Size/Extremely Complex Titanium Alloy/Zirconium Alloy Components
- c. Titanium Alloy/Superalloy Additive Manufacturing and Casting-Additive Composite Manufacturing Technology

Main Achievements (<200 words)

Led and developed high-performance titanium alloy castings in over 20 major engineering projects, including manned space program, Chang'e lunar mission, and Mars exploration. Developed new materials and technologies such as ultra-low temperature cast titanium alloy and complex component forming technology, yttrium rare earth oxide ceramic mold investment casting technology, graphite mold ceramic core composite casting technology, ultra large capacity titanium alloy vacuum consumable shell melting and pouring equipment and technology. Multiple technologies have reached international leading level. Published more than 30 SCI and other papers, authorized more than 10 invention patents, led the formulation and revision of 3 national standards, published 1 monograph, and obtained over 20 provincial and ministerial level awards for research achievements.