



## **Registration Form for WFC Youth Working Committee**

### **Personal Info.**

Name: Wang Liang

Title: Professor

Affiliation: School of Materials Science and Engineering,  
Harbin Institute of Technology



### **Research Interest**

Titanium alloy and its composite material preparation and precision molding, high melting point and high activity alloy liquid hydrogenation technology, metal material additive manufacturing and remanufacturing theory and technology research, refractory high entropy alloy design, preparation and molding integration research and other directions.

### **Main Achievements (<200 words)**

Presided over the National Key Research and Development Program, Heilongjiang Province, the "List of Commanders" scientific and technological research projects, the National Natural Science Foundation of China and other projects, and the relevant research results have been applied in the preparation of key components of hypersonic vehicle and the main torch of the 2022 Winter Olympic Games and other complex components. Meanwhile, 101 papers have been published in Additive Manufacturing and other famous journals ; 19 national invention patents have been authorized; participated in the preparation of the monograph New Technology of Precision Thermal Processing, and the monograph Liquid Hydrogenation of Metallic Materials and Applications has been included in the High Level Graduate student textbook A funding program; won the first prize of Heilongjiang Provincial Technical Invention Award, the second prize of the Ministry of Education's Natural Science Award and the first prize of Heilongjiang Provincial Science and Technology Progress Award, the Group awards 1. He is the chairman of the 17th National Youth Materials Science and Technology Seminar on Additive Manufacturing, and has made 12 invitational reports and chapter reports in the 2021 Materials Intelligent Preparation and Processing Forum and 2021 Non-ferrous Metals New Materials Grand.