



## Registration Form for WFC Scientific Committee

### Personal Info.

Name: Hua Hou

Title: Prof.

Affiliation: Taiyuan University of Science and Technology



### Research Interest

Casting and Metal Structural Materials

### Main Achievements (<200 words)

Professor Hou is mainly engaged in material design and special forming of lightweight structural alloys. He has presided over more than 10 national level projects and 15 provincial and ministerial level projects, including the National "Ten Thousand Talents Plan" Science and Technology Innovation Leading Talent Project, National Programs for International Scientific and Technological Cooperation, National Natural Science Foundation of China, Defense Industrial Technology Development Program, Key projects of Equipment Pre-research Foundation. He has published over 300 journal papers and 3 books. He has authorized 61 national invention patents, 1 national defense patent, and 6 international invention patents, 24 of which have been successfully transformed into achievements. As the main drafter, he formulated two national standards.

He won 18 provincial and ministerial awards, including the second prize of the National Defense Science and Technology Award, the first prize of Shanxi Technological Invention Award, the first prize of Shanxi Natural Science Award, the second prize of Shanxi Scientific and Technological Progress Award, the second prize of Shanxi Technological Invention Award, the second prize of the Seventh Chinese Overseas Chinese Contribution Award, the first prize of China Invention and Entrepreneurship Award and the Gold Medal of Geneva International Invention Exhibition.