



Registration Form for WFC Scientific Committee

Personal Info.

Name: Yuhong Zhao

Title: Teacher

Affiliation: North University of China /University of Science and
Technology Beijing



Research Interest

1. Liquid forming process equipment and macro and micro control of solidification
2. Integrated Phase-field method
3. Material and forming techniques of large thin-walled complex Mg/Al/Ti alloy casting
4. Digital design of continuous casting process

Main Achievements (<200 words)

Professor Zhao, who received the China's National High level Talent Plan, and the country's outstanding teachers, enjoy the special allowance of the State Council. She is a standing director of the Solidification Science and Technology Branch of the Chinese Society for Materials Research, Squeeze Casting Committee of the China Foundry Association. Additionally, she serves as editor-in-chief of the Journal of North University of China, deputy editor-in-chief of Engineering Science, Young deputy director editorial board of Special Casting and Nonferrous Alloys, editorial board of China Foundry, Journal of Aeronautical Materials, Materials Engineering, etc. She has published over 200 papers such as *Sci. Adv.*, *Prog. Mater. Sci.*, *npj Comput. Mater.*, *Acta Mater.*, *IJP*, *JMST*, and *JMA*. Furthermore, she has been awarded five first-class provincial and ministerial-level scientific and technological awards.