



Registration Form for WFC Scientific Committee

Personal Info.

Name: Shoumei Xiong

Title: Professor

Affiliation: Tsinghua University



Research Interest

High pressure die cast aluminum alloys

High integrity die casting processes

Modeling and simulation of high pressure die casting process

Main Achievements (<200 words)

Professor Shoumei Xiong graduated from Department of Mechanical Engineering, Tsinghua University in 1992 with a doctor degree of Engineering and has been working as a teacher at the university since he graduated. He is currently a full professor of School of Materials Science and Engineering of Tsinghua University, vice chairman of FICME, and vice chairman of the editorial board of China Foundry.

He has been working in the research fields of process development of high integrity die casting processes of aluminum and magnesium alloys, modeling and simulation of high pressure die casting process, alloy development of aluminum and magnesium alloys and melt protection technology of magnesium alloys. He published more than 300 papers, in which 196 papers were indexed by Web of Science, and 15 Chinese patents, and registered 7 software copy rights. He received several awards in the development of science of technology in the field of high integrity die casting process, including a second-class award by Chinese Mechanical Engineering Society in 2022 and a second-class award by Ministry of Education of China in 2019.