



The 75th World Foundry Congress

Developing Foundry

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Deyang, China

Registration Form for WFC Scientific Committee

Personal Info.

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Title: Prof, Dr.

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Research Interest

Integrated Computational Materials Engineering (ICME)

Modeling and Simulation of Material Processing (/casting process)

Numerical Simulation of Directional Solidification of Ni-based Superalloy

Microstructure Simulation of Al, Mg and Ti alloys

Development of New Casting Materials and Process

Main Achievements (<200 words)

Dr Xu Qingyan is a professor and a doctoral supervisor at Tsinghua University. He is also an executive member of the standing committee of China Foundry Society (FICMES). His current research is interdisciplinary and focuses on a wide range of topics within the field of materials engineering, manufacturing process, mechanical engineering and computational materials science. He is the principal investigator of more than 20 projects in recent years, such as National Key R&D Program of China, National Science and Technology Major Project, National Natural Science Foundation of China, etc. He is an author/co-author of over 200 peer-reviewed journal/conference papers, 9 books and 8 patents. He is acting as a reviewer for many top rated journals in Materials Engineering and Mechanical Engineering. He received the first prize of Beijing Science and Technology Award and the first prize of Invention and Entrepreneurship Achievement Award of China Association of Inventions in 2018.