



## Invited Speaker



### **Assoc. Prof. Xinguang Cui**

Huazhong University of Science and Technology, China

Dr. Xinguang Cui is an associate professor in the Huazhong University of Science and Technology, China. He is the leader of the Lab of respiratory multiphase flows. Dr. Cui received the bachelor degree in Beihang University, China at 2005, master degree in Tsinghua University, China at 2008 respectively. At 2012, he received his Ph.D degree in the subject of fluid mechanics from University of Heidelberg, Germany at 2012. Afterwards, he ever conducted research work related to numerical modeling the areas of fluid mechanics, atmosphere science and bio-energy in University of Heidelberg, Germany, Nanyang Technological University, Singapore and Lawrence Berkeley National Lab, USA Until 2019. Presently, he is interested in applying in numerical methods to solve industrial and scientific problems in the disciplines of medical industry, indoor environment and aerospace, specially related to respiratory multiphase flows. Until now, he has published more than 50 peer-reviewed journal paper, and more than 20 conference papers.