

## Resume

Professor Dianzhong Li, was born in May 1966 in Liaoning Province. He is the head of Materials Process Modelling Division of Shenyang National Laboratory for Materials Science (SYNL), Institute of Metal Research (IMR), Chinese Academy of Sciences (CAS). He joined CAS by the “Hundred Talented Program” in 1998. Now his research interests focus on the fabrication of the heavy castings and forgings and the high-quality special steels through controlling the macroscopic defects and microstructures, the modeling of the nucleation and growth of solidification structure and solid phase transformation in steels during deformation, the in-situ observation and modeling of liquid metal flow. He has been awarded as Second Prize for National Science and Technology Progress Awards (2012), Outstanding Science and Technology Achievement Prize of Chinese Academy of Sciences (2009) and Prize for Scientific and Technological Innovation by Ho Leung Ho Lee Foundation (2007). More than 100 scientific papers have been published on the peer-in-review journals such as Nature Communications, Acta Materialia. More than 30 invention patents and 2 softwares have been authorized by China.

