

Brief CV

Name/中文姓名	Baiping Xu	Gender	Male	
Title (Pro./Dr.)	Distinguished Professor Pearl River Scholar	Country	China	
Phone Number		WeChat ID		
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University/Department	Wuyi University /School of Intelligent Manufacturing			
Personal Web Sites				
Research Area	Novel methods and devices for polymer processing; numerical simulation, chaotic mixing, and multi-scale modeling and manufacturing			
<p>Brief introduction of your research experience:</p> <p>I worked as associated professor at South China University of Technology from 1995 to 2006, teaching and focusing on the next generation heat transfer enhancement technology and polymer processing.</p> <p>I am a Distinguished Professor Pearl River Scholar at the Guangdong Industry Polytechnic in China. I am also the Director of the Advanced Research Center for Polymer Processing Engineering for Guangdong Province, and the Director of the Technology Development Center for Polymer Processing Engineering for Guangdong Colleges and Universities. I have been working here since 2006. I am now working at Wuyi University dedicating myself to developing the novel devices and intelligent manufacturing methods for the preparation of functionalized polymer materials used in the plastics industry.</p> <p>As a visiting scholar, I stayed at the University of Wisconsin–Madison from 2014 to 2018, conducting cutting-edge research with regard to finding more efficient ways to prepare the functionalized polymer materials in the Department of the Mechanical Engineering.</p> <p>I've been fully trained in multidisciplinary areas and am competent at doing research using cutting-edge and frontier methods, such as computer fluid dynamics (CFD), statistical modeling, experimental visualization, and computer vision. I am also good at writing program codes and using techniques from the fields of mechanical engineering, manufacturing engineering and chemical engineering. My research mainly focuses on polymer processing equipment and polymer material manufacturing, with a specific concentration on the development of novel apparatuses for the intelligent manufacturing of functionalized polymer materials based on my 20+ patents.</p>				

*******All the columns need to be filled in.**