



Huisheng Peng received his BEng in Polymer Materials from Donghua University in China in 1999, MSc in Polymer Science from Fudan University in China in 2003 and PhD in Chemical Engineering from Tulane University in USA in 2006. He worked at Los Alamos National Laboratory, US Department of Energy, from 2006 to 2008. He has been appointed as Professor at the Department of Macromolecular Science and Laboratory of Advanced Materials at Fudan University since 2008, became Changjiang Chair Professor in 2014, and started as the University Professor since 2020.

Professor Peng focuses on the cross-disciplinary field among chemistry, physics, energy and biomedical science. He and co-workers have created new metal-backed polymers, designed novel fiber electronics, made extremely high-energy-density devices from inner shell electrons, proposed fractional element and discovered new learning paradigms. In particular, some high-technology products in new materials and devices have been achieved for real applications. He has published 461 papers including 8 at *Nature*, 14 at *Nature* sister journals and 130 at *Nature Communications/Journal of the American Chemical Society/Angewandte Chemie International Edition/Advanced Materials/Physical Review Letters*. He receives 127 licensed patents with 58 royally transferred to the industry and initiates 5 companies with a series of products on fiber devices.

Professor Peng makes editorial services for over 20 journals, such Editor-in Chief of *Watt*, Associate Editor of *Science Bulletin* and Section Editor of *National Science Review* and editorial board members of *Advanced Functional Materials* and *Progress in Polymer Science*. He serves for over 20 professional organizations. Professor Peng

has received over 70 honors and awards including the Second Prize of National Natural Science Award in 2019, Top Ten Science Achievements in China in 2021, the First Prize of National Teaching Award in 2022, Falling Walls Foundation Winner in Engineering and Technology in 2022, and IUPAC Top Ten Emerging Technologies in Chemistry in 2022. He was elected to Chinese Academy of Sciences in 2023.