



澳門大學
UNIVERSIDADE DE MACAU
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講者簡介 Speaker Profile

姚建年院士，研究員，物理化學家，獲日本東京大學工學部博士學位，現任，中國化學會理事長，第十三屆全國人大常委會委員，全國人大社會建設委員會副主任委員，農工黨中央副主席，中國科協第九屆全國委員會常務委員，英國皇家化學會和國際納米製造學會的 fellow，日本科學技術振興機構 (JST) 中國綜合研究中心顧問。2005 年當選。

長期從事新型光功能材料的基礎和應用探索研究，在低維材料、納米光電子學等方面作出了開創性貢獻。迄今 *Nature*, *Acc. Chem. Res.*, *Chem. Soc. Rev.*, *J. Am. Chem. Soc.*, *Angew. Chem. Int. Ed.*, *Adv. Mater.* 等國際化學和材料界等雜誌上發表論文 500 餘篇 (他引 15,000 餘次)，出版合著 4 部，合作譯著 1 部，擔任 *CCS Chemistry* 主編、《光電子科學與技術前沿叢書》主編、《中國大百科全書》第三版化學學科副主編、物理化學分支主編。

Jiannian YAO, a researcher and physical chemist, obtained his PhD degree from the School of Engineering of the University of Tokyo. He is currently researcher of the Institute of Chemistry of the Chinese Academy of Sciences (CAS), and president of the Chinese Chemical Society. He is member of the Standing Committee of the 13th National People's Congress (NPC), vice-chairperson of the Social Development Affairs Committee of the NPC, vice chairman of the Central Committee of the Chinese Peasants and Workers Democratic Party, and member of the Standing Committee of the 9th National Committee of the China Association for Science and Technology. Yao is also fellow of the Royal Society of Chemistry, fellow of the International Society for Nanomanufacturing, and consultant of the China Research and Sakura Science Center of the Japan Science and Technology Agency. In 2005, he was elected as academician of the CAS.

Yao has been dedicated to the fundamental research on and application of new optical functional materials, and has made trailblazing contributions to low-dimensional materials and nano-optoelectronics. He has published over 500 papers in international journals of chemistry and materials, including *Nature*, *Acc. Chem. Res.*, *Chem. Soc. Rev.*, *J. Am. Chem. Soc.*, *Angew. Chem. Int. Ed.*, and *Adv. Mater.*, with over 15,000 times of citations by other authors. Yao has also four co-authored and one co-translated publications. He is editor-in-chief of the *CCS Chemistry* and the *Frontiers of Optoelectronic Science and Technology Series*, deputy editor-in-chief of the chemistry section of the third edition of the *Encyclopedia of China* and editor-in-chief of its physical chemistry subsection.