

吴奇：化学博士、深圳大学食品科学与加工中心主任、香港中文大学伟伦化学荣休讲座教授和物理荣誉讲座教授。1982 年于中国科技大学化学物理专业毕业后，赴美国纽约州立大学石溪分校，师从朱鹏年教授。1987 年获化学博士学位后，继续在该校化学系任博士后研究员至 1989 年。1989-1992 年在德国 BASF 公司：先为洪堡基金会 Fellow，在 Dieter Horn 博士的指导下同 Wolfgang Schrof 博士合作一年；后获永久雇用，任固体和高分子物理部、分散体系组激光光散射实验室主管。1992 年辞去 BASF 永久职位后前往香港中文大学任教，历任英制讲师 (Lecturer)、教授 (Reader, 1996; 越过高级讲师一级)、化学讲座教授 (Professor of Chemistry, 1999) 和伟伦化学讲座教授 (2010-2020)。1995 年受聘兼任中国科技大学化学物理系教授，并与 1996 年获中国国家自然科学基金委杰出青年基金资助，在母校建立了其第二个实验室。鉴于其对深入理解溶液中大分子链的构象、动力学和相变化作出了重要的贡献，吴奇教授分别于 1999 和 2003 年获选为美国物理学会 (APS) Fellow 和中国科学院院士。他的研究主要是“集成化学，高分子物理和分子生物之成，设计和执行决定性的实验来回答一些与大分子，生物以及胶体有关的重要问题。”其中包括，分子药物非病毒载体的设计与研发；与神经退化型疾病有关的蛋白聚集的初始成核过程；功能性大分子的设计，合成和自组装；大分子溶液和凝胶网络的动力学与结构；以及难解和特殊高分子的分子特性。他最近的研究兴趣已经主要地移向食品科学与加工。尤其是大豆蛋白和其它植物大分子的精深加工。研究详情请见：<http://chiwu.chem.cuhk.edu.hk>



Chi WU, Ph.D., Wei Lun Emeritus Professor of Chemistry and Honorary Professor of Physics in the Chinese University of Hong Kong; In 1982, he graduated from Chemical Physics in the University of Science and Technology of China. After obtaining his Ph.D. in 1987 and then remaining as a postdoctoral both under the supervision of Professor Benjamin Chu in the State University of New York at Stony Brook, he moved to BASF (Ludwigshafen, Germany) in 1989: first as an Alexander von Humboldt Fellow for one year to cooperate with Dr. Wolfgang Schrof under the supervision of Dr. Dieter Horn; and then as a permanently hired staff to supervise the laser light-scattering laboratory in the Dispersion Group, the Department of Solid Stat and Polymer Physics. In 1992, he resigned from BASF to join the Department of Chemistry in the Chinese University of Hong Kong as a Lecturer (British System); underwent a double promotion to Reader in 1996; became a Professor of Chemistry in 1999 and an Honorary Professor of Physics in 2003; and was further appointed as a Wei Lun Professor of Chemistry in 2010. **For his significant contributions in profound understanding of conformation, dynamics and phase transition of macromolecular chains in solutions,** Professor Chi Wu was elected as a Fellow of the American Physical Society and a Member of Chinese Academy of Sciences in 1999 and 2003, respectively. His research mainly combines synthetic chemistry, polymer physics and molecular biology to design and execute decisive experiments to address certain important problems in biology, macromolecules and polymer colloids, including the development of non-viral vectors for gene and molecular medicines; the nucleation of protein-protein aggregation in neuron-degenerative diseases; the stress-induced stem cell differentiation and its biomedical applications; the design, synthesis and self-assembly of functional macromolecules; the structure and dynamics of polymer solutions and gel networks; and molecular characteristic properties of intractable and special polymers. His current research interest has mainly moved to food science and processing, especially profound processing of soy proteins. For details: <http://chiwu.chem.cuhk.edu.hk>