

BIOGRAPHY

Mr. Kewei Xu is a professor of School of Materials Science and Engineering, Xian Jiaotong University, China. He received his Ph.D. at the same university in 1989.

His major research field is surface science and surface engineering of materials, and mainly in an area of physical evaluation of the surface layer. He has published over 300 papers concerned with synthesis and application of films of diamond-like carbon, titanium nitride, copper and its alloys, nano-mechanical evaluation and residual stress examination of thin films. His interesting aims at exploring application of functional coatings both in tool and dies engineering and in biological implant engineering. Both biological and mechanical compatibility are emphasized in this work, and residual stress induced biological dissolution is paid greater attention. His domain is now extended from pure-mechanical surface modification to multi-functional surface modification.

Mr. Kewei Xu has presided over national impact research programs including key-project of Natural Science Foundation of China and those of National High-Tech Program, and also been involved several international joint-projects such as Chinese-British, Chinese-France and the Fifth Framework Program of EU. He has visited and short-term worked in many European countries since the late of 1980's.

Kewei Xu is a member of several societies, such as the international Shot-peening society, international residual stress society, the Chinese Materials Research Society and Chinese Mechanical Engineering Society. He has published over 300 papers in international peer-reviewed journals and has won several prizes in China for his innovative research.

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