

**Plenary Talk II**  
**The Research & Development of  
Advanced Robotic Technology in China**



**Prof. Tianmiao Wang**  
**Institute of Robotics**  
**Beihang University, China**  
<http://itm.buaa.edu.cn>

**Abstract:**

This talk will highlight the research and development of advanced robotic technology in China by reviewing the progress of robotic technologies. With the support of the Chinese National High Technology Research and Development Program (863 Hi-Tech Program), robotic technology in china make a high progress in recent years. The speaker will focus on the development of the intelligent service robot, such as industrial robot, humanoid & bionic robot, micro-nano manufacturing & micro robot, service robot and other robot.

**Short Bio:**

Professor Tianmiao Wang, born in February 1960, doctoral supervisor, is a “Cheung Kong” Scholar appointed by Ministry of Education and a member of the Academic Degree Commission of the State Council of China. Concurrently, he is the head of Expert Group on the advanced manufacturing technology area of the National High Technology Research and Development Program (863 Hi-Tech Program), a member of China Robotics Society, IEEE member. Prof. Wang is also associate editors of several journals.

Prof. Wang has undertaken and finished many national research projects in recent years. He has published nearly 60 papers in Chinese and international journals and 2 books. He has won the First Class Award from Ministry of Electrical Industry, the Second Class Award from Ministry of Aeronautics and the Second Award from Beijing Government. He has also been awarded the “Mao Yisheng” Beijing young science and technology nominated award and the “Rong Hong” education of science and technology award by the American United Technologies. His current research focuses are on Mirco-robot technology, medical robot technology and embedded electromechanical control technology.