

# SCIENCE TECHNOLOGY AND INNOVATION IN CHINA

**A TALK BY PROFESSOR CHUNLI BAI  
PRESIDENT OF THE CHINESE ACADEMY OF SCIENCES  
SEPTEMBER 22, 2015, 4:00-5:00PM  
SCIENCE CENTER HALL B  
1 OXFORD STREET, CAMBRIDGE, MA**

## **Abstract:**

Chinese Academy of Sciences (CAS) President Bai will discuss the roles of science, technology, and innovation (STI) in China, especially as they relate to the Chinese national strategy of Innovation-Driven Development. He will also address science and technology institutional reform measures adopted by the Chinese government and China's science and technology community and comment on the unique position of the Chinese Academy of Sciences in the national STI system, the CAS Pioneer Initiative, and CAS's current focus on building itself into a world-class science and technology institution.

## **About Prof. Chunli Bai:**

Prof. Bai Chunli, a well-known chemist and leading scientist in nanoscience, is the President of the Chinese Academy of Sciences (CAS).

He is also the President of the Presidium of the Academic Divisions of CAS, and the President of the World Academy of Sciences for the Advancement of Science in Developing Countries (TWAS).

Prof. Bai graduated from the Department of Chemistry, Peking University in 1978 and received his M.Sc. and Ph.D. degrees from the CAS Institute of Chemistry in 1981 and 1985 respectively. From 1985 to 1987, he worked with the US California Institute of Technology in the field of physical chemistry as a post-doctoral associate and visiting scholar. After Prof. Bai went to China in 1987, he continued his research at the CAS Institute of Chemistry. From 1991 to 1992, he worked as a visiting professor at Tohoku University in Japan.

His research areas include the structure and properties of polymer catalysts, X-ray crystallography of organic compounds, molecular mechanics and EXAFS research on electro-conducting polymers. In the mid-1980s, he shifted his research to the fields of scanning tunneling microscopy and molecular nanotechnology.

Prof. Bai has a long list of scientific publications and has won more than twenty prestigious awards and prizes for his academic achievements, including UNESCO Medal of "Contributions to Development of Nanoscience and Nanotechnology". He has been elected member or foreign member of world-known academies of science or engineering, including the CAS, TWAS, US National Academy of Sciences (NAS), the Royal Society, the Russian Academy of Sciences (RAS), the Australian Academy of Science (AAS), the Indian Academy of Sciences (IAS), the German Academy of Science and Engineering (acatech), the Royal Danish Academy of Sciences and Letters, Honorary Fellow of the Royal Society of Chemistry, Honorary Member of the Chemical Society of Japan (CSJ), and Honorary Doctor or professor of several foreign universities.

He also serves as the Chief Scientist for the National Steering Committee for Nanoscience and Technology and was the Founding Director of China National Center for Nanoscience and Technology.

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