



To Editor
For Immediate Release

18 April 1997

Public Lecture by Distinguished Nuclear Physicist Professor Wang Ganchang

Renowned Chinese nuclear physicist Professor Wang Ganchang delivered a public lecture entitled **"The Prospects for Energy Resources in the 21st Century"** on Friday, 18 April 1997. Professor Wang is a member of the Chinese Academy of Sciences.

The public lecture, jointly organized by Ho Leung Ho Lee Foundation and The Chinese University of Hong Kong, was held at 4:00 pm at the Penthouse, 24/F., Hang Seng Bank Limited, 83 Des Voeux Road Central. The lecture was conducted in Putonghua.

Professor Wang spoke on the use and shortfall of the present major energy source - fossil fuel and the latest developments in the use of nuclear energy, in particular the situation in China. Professor Wang also explained one of his major achievements in nuclear energy research - inertial confinement, ICF.

Born in Changshu, Jiangsu Province in 1907, Professor Wang studied at Tsinghua University and later at Berlin University, where he obtained the doctorate in 1933. He taught at Shandong University and Zhejiang University from 1934 to 1950. He was the first to propose, in 1941, the detection of neutrinos by ^7Be . While serving as Deputy Director of the Joint Institute for Nuclear Research at Dubna, USSR, he led a team which discovered the anti-sigma hyperon in 1959.

In 1964, Professor Wang proposed that intense laser irradiation could produce neutrons from deuterium and tritium; this has since been demonstrated experimentally, and is pivotal for laser-induced fusion using inertial confinement.

Professor Wang has served as a Vice Minister of Nuclear Industry, the Director of the Institute of Atomic Energy, and a member of the Standing Committee of the 3rd, 4th, 5th and 6th National People Congress of China. He is now Honorary Director of the Institute of Atomic Energy and Adviser to the China National Nuclear Corporation.

Professor Wang received the first Ho Leung Ho Lee Award in 1994 and is invited to Hong Kong under the auspices of the Ho Leung Ho Lee Foundation.

Ho Leung Ho Lee Foundation has been established in Hong Kong with funds donated by The S H Ho Foundation Ltd, Dr Kau-Kui Leung, Dr Ho Tim and Wei Lun Foundation Ltd (established by Sir Quo-wei Lee) primarily for awarding annual prizes to distinguished Chinese scholars in mainland China in recognition of their achievements in science, technology, medicine and other disciplines.

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