



新聞稿 PRESS RELEASE

To Editor
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Public Lecture by Distinguished Nuclear Physicist Professor Wang Ganchang

Renowned Chinese nuclear physicist Professor Wang Ganchang will deliver 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, will be held at 4:00 pm at the Penthouse, 24/F., Hang Seng Bank Limited, 83 Des Voeux Road Central. The lecture will be conducted in Putonghua.

Professor Wang will speak 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 will also explain 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.

Professor Wang contributed significantly to the design and manufacture of China's first atomic bomb in 1964, and the first hydrogen bomb in 1967. In 1964, he 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 President 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 a consultant to the China National Nuclear Industry Corporation, with the title of Research Professor.

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.

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