

## [研究成果報導]

## 恭賀清華大學物理系朱國瑞教授榮獲兩項國際主要獎項

清華大學物理系朱國瑞教授獲得 2001 年 IEEE「離子體科學與應用獎」及英國物理學會「K J Button Medal and Prize」兩項主要國際獎。

「離子體科學與應用獎」係國際電機電子工程學會(IEEE)核子與離子體科學分會所設立，其宗旨為「表揚離子體科學領域之傑出個人貢獻」，每年於國際離子體科學會議中頒給一位得獎人，今年首次由亞洲科學家獲獎。朱教授之獲獎詞為「從事影響深遠的離子體物理研究，闡明同調電磁輻射之基本作用機制，從而大幅推進相對論電子流輻射源之前沿科技」。

「K J Button Medal and Prize」係英國物理學會所設立，其宗旨為「表揚電磁波科學領域之傑出貢獻」，每年於國際紅外線與毫米波會議中頒給一位得獎人。朱教授之獲獎詞為「於電子磁旋脈射之理論模式、物理機制、及技術創新作出先驅性貢獻」。

朱國瑞教授民國五十四年畢業於台大物理系，六十一年取得康乃爾大學應用物理博士學位，七十二年回國擔任現職迄今。曾多次獲得國科會傑出研究獎，膺選為中華民國物理學會、美國物理學會、國際電機電子工程等學會之會士(fellow)，以及教育部首屆國家講座。

Professor Kwo Ray Chu of the Physics Department of the National Tsing Hua University is the 2001 winner of two international awards: the Plasma Science and Application Award and the K J Button Medal and Prize.

The Plasma Science and Application Award is administered by the Nuclear and Plasma Sciences Society of IEEE "to recognize outstanding individual contributions to the field of Plasma Science". It will be presented to Prof. Chu at the 2001 International Conference on Plasma Science in USA with the following citation:

"For seminal plasma physics investigations yielding fundamental insight into coherent radiation processes, thereby significantly advancing the state-of-the-art of relativistic electron beam driven gyro-devices"

The K J Button Medal and Prize is administered by the Institute of Physics of the Great Britain "in recognition of outstanding contributions to the Science of the Electromagnetic Spectrum". It will be presented to Prof. Chu at the 2001 International Conference on Infrared and Millimeter Waves in France with the following citation:

"For pioneering contributions to the theoretical formulation and fundamental understanding of electron cyclotron maser interactions and the technology development of novel coherent radiation sources with unprecedented capabilities"

Professor Chu graduated from the Physics Department of National Taiwan University in 1965 and obtained the Ph.D. degree in Applied Physics from Cornell University in 1972. He has been Professor of Physics at the National Tsing Hua University since 1983.