

PROFESSOR CHONGFU YING
in memoriam



(1918 – 2011)

Professor Chongfu Ying – retired Professor in the Institute of Acoustics, Chinese Academy of Sciences passed away in China-Japan Friendship Hospital in Beijing on 30th June 2011.

Professor Ying had been a renowned scientist and professor of physics, founder and pioneer of physical acoustics and ultrasonics in China, the Former Director-General of the Acoustical Society of China, one of the founders of Institute of Acoustics, senior academician of Chinese Academy of Sciences.

He was educated in physics and graduated from Physics Department of Huazhong University in 1940 and received his master degree from Physics Department of Tsinghua University in 1944. In 1952 he received his Ph.D. degree in Brown University, USA. In 1956 he returned to China and founded the first ultrasonic laboratory in China. He is one of the founders of ultrasonics in China. His early papers on ultrasonic scattering in solid materials (see the Fig. below), on acousto-optic interaction including Bragg diffraction on surface waves and other papers have become the foundation for the later development of ultrasonics.

Polish acousticians had opportunity to co-operate with professor Ying in 20. century.

He visited Poland twice (in 1970^{es} and in 1980^{es}) and several times Polish ultrasonic researchers were invited by him to China. He was very interested in physical acoustics trends and achievements in Poland mainly in ultrasonics and

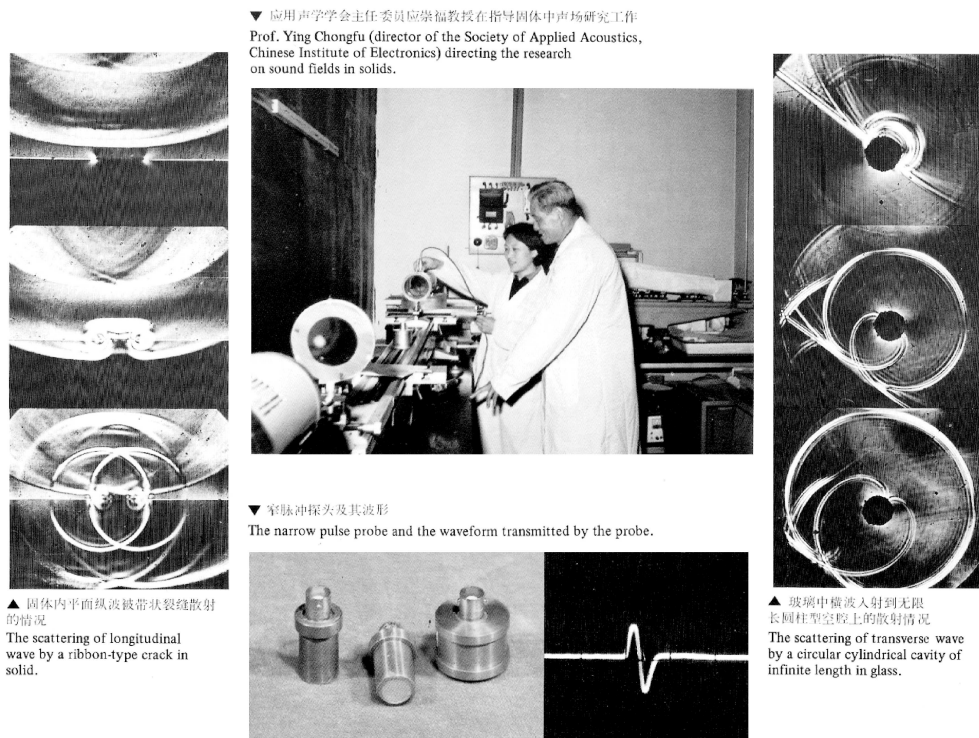


Fig. 1. Professor Ying Chongfu in his Laboratory with his “world of elastic waves scattering in solids” – after the folder of Institute of Acoustics Chinese Academy of Sciences, 1964–1984 with the courtesy of the Institute.

acousto-optics (see the review published in the Chinese Acoustical Journal ACTA ACUSTICA:

Ignacy Malecki and Jerzy Ranachowski, *波兰超声学物理基础研究的动向及应用*, 声学学报, 第9卷 第3期, 1984年5月, Physical Foundations of ultrasonics research trends and its application in Poland, ACTA ACUSTICA, Vol. 9, No. 3, May, 1984).

The author of this note has been very thankful to professor Ying for his invitation to have come a scientific tour in China in 1987 visiting acoustical centers and presenting lectures on acousto-optics in Beijing (Institute of Acoustics, Chinese Academy of Sciences), Nanjing (Acoustics Institute, Nanjing University) and Shanghai (Acoustics Institute, Tongji University). They were a very useful and fruitful visits.

Polish acousticians community and particularly the group working in the field of ultrasonics have been deeply upset by the lost of such an outstanding scientist and he will be long remembered as a great person and wonderful man.

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