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## Professor Shao-Yen Ko on his 70th birthday



Professor Shao-Yen Ko celebrated his 70th birthday last year. In honor of this anniversary, we wish to take this opportunity to acknowledge his many outstanding contributions and pioneering achievements during his career as a research scientist and teacher in the field of heat transfer.

Professor Ko was born on 1 May 1925 in Taian, Shandong Province, China. He studied at Wu-Han University during 1943–1947 and majored in mechanical engineering. He got his BS degree in June 1947. He worked as a teaching assistant in National Sun-Yet-Shan University, Canton, for 1 year and moved to National Shandong University, Tsingdao, for another year. Then he went to the U.S.A. for his graduate studies.

He got his MS degree from Oklahoma State University in June 1951. Then he got his PhD from Illinois Institute of Technology in June 1955 under the direction of Professors Max Jakob and H. Sogins. He worked as a senior research scientist at the Research Center of the Honeywell Co. in Minneapolis, MN, during 1955–1957.

He made a 6-month academic visit to Europe, including Imperial College in London, before he returned back to Beijing, China, in the earlier part of May 1958. Then he joined the Power Laboratory (now known as the Institute of Engineering Thermophysics) of the Chinese Academy of Sciences.

Professor Ko has been a research professor and head of the Heat and Mass Transfer Division, Institute of Engineering Thermophysics, Chinese Academy of Sciences, since 1980. He has worked broadly in diverse areas of heat and mass transfer, publishing six books and more than 80 technical papers (about 40% in English). Many of his papers have been exten-

sively quoted in the international literature. His book *Film Cooling* won a national prize for natural science in 1987.

As one of the pioneers, Professor Ko played an important role in the education of thermal sciences in China. He was a prime promoter in the establishment and development of heat transfer education in the Chinese University of Science and Technology, from which several hundred heat transfer scientists and engineers received their degrees. Professor Ko is also a guest professor at Northwestern Polytechnic University, Xian Jiao-Tong University and Beijing Polytechnic University.

In addition to his six journal editorships, Professor Ko has been an associate editor of the *International Journal of Heat and Mass Transfer*. He has made many contributions to scientific exchange and cooperation in the international heat transfer community. Invited by many universities and institutes, Professor Ko has lectured in the U.S.A., Russia, Japan, U.K., Italy, Ukraine, Israel, Bulgaria, Hong Kong and the former Yugoslavia. Professor Ko was invited 5 times as a visiting professor by Drexel University, Philadelphia, PA, from 1980 to 1991 to carry out joint research projects on film cooling and other related topics such as non-Newtonian fluids heat transfer enhancement, besides a regular teaching load. Professor Ko was also invited as a visiting professor by Seoul National University during the school year of 1994–1995 to give graduate courses on gas turbine and advanced heat transfer.

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